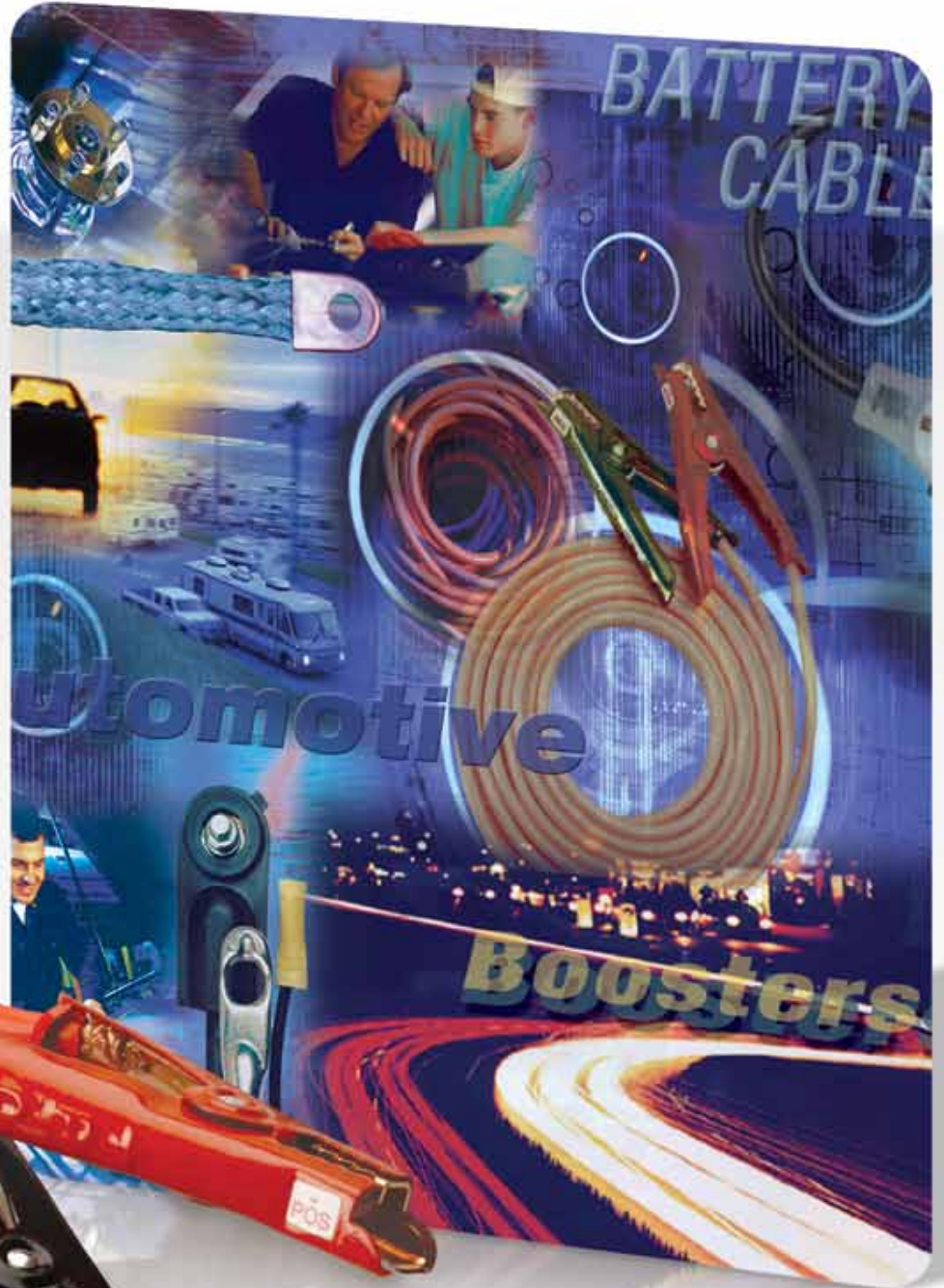




AUTOMOTIVE



A Tradition of Excellence... For Exceptional Performance.

Coleman Cable Inc. is a worldwide leader in the development, design, manufacture, marketing & distribution of wire and cable products. A Broad Range of Products, Innovative Solutions, Recognized Brands, and a Solid Service Platform are the foundation that Coleman Cable's Dedicated, Professional People build upon to create Customer Value. These characteristics, combined with strategic acquisitions, such as Copperfield, establish and strengthen Coleman Cable's leadership position as a one of the premier US-based manufacturers of electrical, electronic and assembled wire and cable products.

The **Coleman Cable Road Power®** brand is one of the most trusted names in the automotive aftermarket. End-users have come to know that Road Power means quality, performance, and reliability through a comprehensive line of booster cables, battery cables, and battery accessories.

Road Power has long been the leader in the evolution of the booster cable, responsible for many industry-first achievements including: the Polar-Glo™ Clamp, Glove-Box Booster, No-Tangle™ Twin Extrusion Cable, No-Shock Clamps, and TPE Jacket Insulation for both low and high temperature conditions. Our most recent accreditation Maximum Energy™ is the industry's first complete line of universal battery cables that are both lead-free and RoHS Compliant (Restriction of Hazardous Substance).

In today's highly competitive world, having a low price is simply just not enough! Work with Coleman Cable and take for granted the best selection of product, easy ordering, superior customer service, and shipments that arrive complete and on-time.



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No-Tangle™ Booster Cables

Light-Duty Booster Cables

Road Power® Light-Duty Booster Cables feature dual-extruded wire to provide the user with easy, tangle-free operation. Cables are manufactured with a PVC jacket and the 200 AMP clamps are made from copper-plated steel. Light-Duty Booster Cables comes standard in 10 gauge with 12 feet of length. Booster cables are packaged in retail-style sleeves which emphasize product features and benefits.



08120

CAT NO	WIRE GAUGE	JACKET COLOR	LENGTH IN FT	PACKAGE TYPE	PACK QTY	MASTER WT	MASTER PACK CUBE
08120	10	Black	12	Sleeve	6	15	.52

Medium-Duty Booster Cables

Road Power® Medium-Duty Booster Cables feature dual-extruded wire to provide the user with easy, tangle-free operation. Cables are manufactured with either a PVC or T-Prene® jacket. While both jackets perform well in warm or cold climates, T-Prene provides additional oil, chemical, and water resistance.

Medium-Duty Booster Cables come standard with 200 AMP copper-plated steel clamps but can easily be upgraded to Polar-Glo™ Clamps. The Polar-Glo™ clamp's triple-polarity identification includes color-coding, indent stamping, and glow-in-the-dark labels. To ensure the highest levels of user-safety, all energized Polar-Glo™ Clamp surfaces are shielded to avoid short circuits and all conductive clamp surfaces are recessed to prevent accidental contact.

Medium-Duty Booster Cables are available in 8 gauge, either in 12 foot or 16 foot lengths, and packaged in a variety of retail-style formats.



08467

CAT NO	WIRE GAUGE	JACKET COLOR	LENGTH IN FT	PACKAGE TYPE	PACK QTY	MASTER WT	MASTER PACK CUBE
08435*	8	Yellow	12	Sleeve	6	17	.49
08471*	8	Yellow	12	Sleeve	6	19	.69
08465	8	Yellow	12	Box	6	24	1.65
08466	8	Yellow	16	Box	6	27	1.21
08467	8	Yellow	12	Bag	2	8	.92

* Does not feature Polar-Glo™ clamps



08435

Heavy-Duty Booster Cables



Road Power's® Heavy-Duty Booster Cables feature Polar-Glo™ Clamps and T*Prene® jacket insulation. This enhanced line of booster cables ensures the highest levels of user-safety and assures dependability in the most extreme climate conditions.

The Polar-Glo™ Clamp is ergonomically-designed so that it can be easily handled by everyone and it attaches itself firmly to both top and side post batteries. The clamps' triple-polarity identification includes color-coding, indent stamping, and glow-in-the-dark labels. In addition, all energized clamp surfaces are shielded to avoid short circuits and all conductive clamp surfaces are recessed to prevent accidental contact.

T*Prene® insulation was chosen for the wire jacketing material because it remains flexible even under the severest temperatures and is oil, chemical, and water resistant.

Heavy-Duty Booster Cables are made using 6 gauge wire and performs best with most automobiles. This line of booster cables is UL Listed, either in 12 foot or 16 foot lengths, and packaged in retail-style boxes designed for easy display.



08565

CAT NO	WIRE GAUGE	JACKET COLOR	LENGTH IN FT	PACKAGE TYPE	PACK QTY	MASTER WT	MASTER PACK CUBE
08565	6	Orange	12	Box	6	24	1.66
08566	6	Orange	16	Box	6	27	1.66



Extra Heavy-Duty Booster Cables



Road Power's® Extra Heavy-Duty Booster Cables feature Polar-Glo™ Clamps and T*Prene® jacket insulation. This enhanced line of booster cables ensures the highest levels of user-safety and assures dependability in the most extreme climate conditions.

The Polar-Glo™ Clamp is ergonomically-designed so that it can be easily handled by everyone and it attaches itself firmly to both top and side post batteries. The clamps' triple-polarity identification includes color-coding, indent stamping, and glow-in-the-dark labels. In addition, all energized clamp surfaces are shielded to avoid short circuits and all conductive clamp surfaces are recessed to prevent accidental contact.

T*Prene® insulation was chosen for the wire jacketing material because it remains flexible even under the severest temperatures and is oil, chemical, and water resistant.

Extra Heavy-Duty Booster Cables are made using 4 gauge wire and performs best with most vehicles including cars, trucks, or SUVs. This line of booster cables is UL Listed, has several lengths to choose from, and packaged in retail-style boxes designed for easy display.

CAT NO	WIRE GAUGE	JACKET COLOR	LENGTH IN FT	PACKAGE TYPE	PACK QTY	MASTER WT	MASTER PACK CUBE
08665	4	Red	12	Box	2	10	.76
08666	4	Red	16	Box	2	11	.76
08660	4	Red	20	Box	2	13	.76
08662	4	Red	25	Box	2	14	.76



08666

Commercial Grade Booster Cables



Road Power® Commercial Grade Booster Cables were engineered specifically for the needs of the professional mechanic and feature 500 AMP rated parrot-jaw clamps. Parrot Jaw clamps are manufactured from rugged zinc-plated steel with serrated copper-clad jaws and non-slip vinyl-coated grips. This family of booster cables is constructed with dual-extruded wire to provide the user with tangle-free operation. These booster cables are available in 4 or 2 gauge, in various lengths, and packaged in retail-style boxes designed both for display and storage.

CAT NO	WIRE GAUGE	JACKET COLOR	LENGTH IN FT	PACKAGE TYPE	PACK QTY	MASTER WT	MASTER PACK CUBE
08765	4	Black	12	Box	2	13	.92
08766	4	Black	16	Box	2	16	.92
08760	4	Black	20	Box	2	18	.92
08860	2	Black	20	Box	2	23	.92
08862	2	Black	25	Box	2	28	.92



08760





Booster Cable Clamps

Rugged color-coded replacement clamps.

CAT NO	CLAMP RATING	CLAMP COLOR	PACKAGE TYPE	PACK QTY	MASTER WT	MASTER PACK CUBE
Copper Plated Steel						
150C-2	150 Amp	1 Red and 1 Black	Blister	6	.50	.05
75C-2	50 Amp	1 Red and 1 Black	Blister	6	.30	.05
Vinyl Coated Steel						
400C-2	500 Amp	1 Red and 1 Black	Blister	6	.35	.44
08904	500 Amp	1 Red and 1 Black	Bag	12	12.52	.43



150C-2



75C-2



400C-2



08904



Cable Savers™

When using a Road Power® Battery Cable Saver™, only the worn terminal-end of the old battery cable is replaced. Simply detach the defective cable from the battery and cut the cable near the corroded terminal. Strip the old cable and attach it to the Cable Saver. Finally, the Cable Saver's lead-free terminal is connected to the battery.

Battery Cable Savers are constructed with tin-plated brass terminals that supply maximum corrosion protection. The rugged jacket is manufactured from high temperature PVC designed to resist water, oil, and chemicals. These unique cables eliminate the need for the same model cable in many different lengths. Road Power Battery Cable Savers feature (3) three models: Top Post, Dual Lead, and Side Post.

CAT NO	DESCRIPTION	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
950	Top Post	Clamshell	3	1.41	.15
951	Dual Lead	Clamshell	3	2.71	.15
952	Side Post	Clamshell	3	1.41	.15



950



951



952



Battery Cables

Maximum Energy™ Lead-Free

Rugged terminal ends are constructed from tin-plated brass that supplies superior starting power for car, truck or marine applications when compared to leaded counterparts. The cable jacket is manufactured from high temperature PVC designed to resist water, oil and chemicals. These lead-free battery cables feature full gauge stranded copper that extends through the entire length of the flattened lug – insuring complete capacity conductivity. These battery cables are RoHS (Removal of Hazardous Materials) compliant and provide the highest-level of corrosion protection while completely removing the dangerous threat of lead contamination.



Top Post
Black



Top Post
Red



Top Post
w/ Lead
Black



Top Post
w/ Lead
Red

CAT NO	DESCRIPTION	PACKAGE TYPE	PACK QTY	MASTER WT	MASTER PACK CUBE
Top Post 2 Gauge with Lead Wire					
32-2L	32" 2 Gauge Top Post with Lead - Black	Clamshell	3	4	.11
Top Post 4 Gauge					
10-4	10" 4 Gauge Top Post - Black	Clamshell	3	2	.11
10-4R	10" 4 Gauge Top Post - Red	Clamshell	3	2	.11
13-4	13" 4 Gauge Top Post - Black	Clamshell	3	2	.11
15-4	15" 4 Gauge Top Post - Black	Clamshell	3	2	.11
15-4R	15" 4 Gauge Top Post - Red	Clamshell	3	2	.11
17-4	17" 4 Gauge Top Post - Black	Clamshell	3	2	.11
19-4	19" 4 Gauge Top Post - Black	Clamshell	3	2	.11
19-4R	19" 4 Gauge Top Post - Red	Clamshell	3	2	.11
24-4	24" 4 Gauge Top Post - Black	Clamshell	3	2	.11
27-4R	27" 4 Gauge Top Post - Red	Clamshell	3	3	.11
31-4	31" 4 Gauge Top Post - Black	Clamshell	3	3	.11
31-4R	31" 4 Gauge Top Post - Red	Clamshell	3	3	.11
38-4	38" 4 Gauge Top Post - Black	Clamshell	3	3	.11
42-4	42" 4 Gauge Top Post - Black	Clamshell	3	3	.11
48-4	48" 4 Gauge Top Post - Black	Clamshell	3	3	.11
58-4	58" 4 Gauge Top Post - Black	Clamshell	3	4	.11
Top Post 4 Gauge with Lead Wire					
25-4L	25" 4 Gauge Top Post w/Lead - Black	Clamshell	3	3	.11
25-4LR	25" 4 Gauge Top Post w/Lead - Red	Clamshell	3	3	.11
32-4L	32" 4 Gauge Top Post w/ Lead - Black	Clamshell	3	3	.11
32-4LR	32" 4 Gauge Top Post w/ Lead - Red	Clamshell	3	3	.11
38-4L	38" 4 Gauge Top Post w/Lead - Black	Clamshell	3	3	.11
38-4LR	38" 4 Gauge Top Post w/Lead - Red	Clamshell	3	3	.11
42-4L	42" 4 Gauge Top Post w/ Lead - Black	Clamshell	3	3	.11
42-4LR	42" 4 Gauge Top Post w/ Lead - Red	Clamshell	3	3	.11
48-4L	48" 4 Gauge Top Post w/ Lead - Black	Clamshell	3	3	.11
48-4LR	48" 4 Gauge Top Post w/ Lead - Red	Clamshell	3	3	.11
54-4L	54" 4 Gauge Top Post w/ Lead - Black	Clamshell	3	4	.11
54-4LR	54" 4 Gauge Top Post w/ Lead - Red	Clamshell	3	4	.11
65-4L	65" 4 Gauge Top Post w/ Lead - Black	Clamshell	3	4	.11
72-4L	72" 4 Gauge Top Post w/ Lead - Black	Clamshell	3	4	.11





Maximum Energy™ Lead-Free (continued)

CAT NO	DESCRIPTION	PACKAGE TYPE	PACK QTY	MASTER WT	MASTER PACK CUBE
Top Post 6 Gauge					
10-6	10" 6 Gauge Top Post - Black	Clamshell	3	2	.11
13-6	13" 6 Gauge Top Post - Black	Clamshell	3	2	.11
15-6	15" 6 Gauge Top Post - Black	Clamshell	3	2	.11
19-6	19" 6 Gauge Top Post - Black	Clamshell	3	2	.11
24-6	24" 6 Gauge Top Post - Black	Clamshell	3	2	.11
34-6	24" 6 Gauge Top Post - Black	Clamshell	3	2	.11
Top Post 6 Gauge with Lead Wire					
25-6L	25" 6 Gauge Top Post w/ Lead - Black	Clamshell	3	2	.11
32-6L	32" 6 Gauge Top Post w/ Lead - Black	Clamshell	3	3	.11
38-6L	38" 6 Gauge Top Post w/ Lead - Black	Clamshell	3	2	.11
42-6L	42" 6 Gauge Top Post w/ Lead - Black	Clamshell	3	2	.11
51-6L	51" 6 Gauge Top Post w/ Lead - Black	Clamshell	3	3	.11
Top Post 6 Gauge with 2 Lead Wires					
38-62L	38" 6 Gauge Top Post w/ 2 Leads - Black	Clamshell	3	3	.11
48-62L	48" 6 Gauge Top Post w/ 2 Leads - Black	Clamshell	3	3	.11
58-62L	58" 6 Gauge Top Post w/ 2 Leads - Black	Clamshell	3	3	.11
Side Terminal 4 Gauge with Lead Wire					
ST25-4	20" 4 Gauge Side Terminal w/ Lead - Black	Clamshell	3	2	.11
ST25-4R	25" 4 Gauge Side Terminal w/ Lead - Red	Clamshell	3	2	.11
ST35-4	35" 4 Gauge Side Terminal w/ Lead - Black	Clamshell	3	3	.11
ST40-4	40" 4 Gauge Side Terminal w/ Lead - Black	Clamshell	3	3	.11
ST45-4	45" 4 Gauge Side Terminal w/ Lead - Black	Clamshell	3	3	.11
ST45-4R	45" 4 Gauge Side Terminal w/ Lead - Red	Clamshell	3	3	.11
ST55-4	55" 4 Gauge Side Terminal w/ Lead - Black	Clamshell	3	3	.11
ST65-4	65" 4 Gauge Side Terminal w/ Lead - Black	Clamshell	3	4	.11
ST65-4R	65" 4 Gauge Side Terminal w/ Lead - Red	Clamshell	3	4	.11





Maximum Energy™ Lead-Free (continued)

CAT NO	DESCRIPTION	PACKAGE TYPE	PACK QTY	MASTER WT	MASTER PACK CUBE
Switch to Starter 4 Gauge					
SS19-4	19" 4 Gauge Switch to Starter - Black	Clamshell	3	1	.11
SS24-4	24" 4 Gauge Switch to Starter - Black	Clamshell	3	2	.11
SS32-4	32" 4 Gauge Switch to Starter - Black	Clamshell	3	2	.11
SS40-4	40" 4 Gauge Switch to Starter - Black	Clamshell	3	3	.11
SS45-4	45" 4 Gauge Switch to Starter - Black	Clamshell	3	3	.11
SS51-4	51" 4 Gauge Switch to Starter - Black	Clamshell	3	3	.11
SS58-4	58" 4 Gauge Switch to Starter - Black	Clamshell	3	3	.11
SS68-4	68" 4 Gauge Switch to Starter - Black	Clamshell	3	3	.11
Lawn & Garden 6 Gauge					
LG19-6	19" 6 Gauge Lawn & Garden - Black	Clamshell	3	2	.11
LG27-6	27" 6 Gauge Lawn & Garden - Black	Clamshell	3	2	.11
LG49-6	49" 6 Gauge Lawn & Garden - Black	Clamshell	3	3	.11



Switch to Starter
Black



Lawn & Garden
Black



Engine and Ground Straps

CAT NO	DESCRIPTION	PACKAGE TYPE	PACK QTY	MASTER WT	MASTER PACK CUBE
EG12	12" Lug to Lug Bonding Strap	Clamshell	3	2	.11
GS13-4	13" 4 Gauge Terminal to Lug	Clamshell	3	2	.11



Engine
Strap



Ground
Strap





Battery Accessories

CAT NO	DESCRIPTION	PACKAGE TYPE	PACK QTY	MASTER WT	MASTER PACK CUBE
General Accessories					
984	Deluxe Battery Carrier	Box	3	4.29	.54
985	Top Post Battery Carrier Strap – 18”	Blister	6	.30	.07
986	Post & Terminal Cleaner (Metal)	Clamshell	6	1.1	.09
989	Anti-Corrosion Washers – 2-Pack	Blister	12	.20	.03
991	Mini Battery Tester Ball Type	Blister	6	.48	.07
992	Premium Hydrometer	Clamshell	4	1.2	.14
993	Professional Hydrometer	Clamshell	4	1.28	.20
994	Side Terminal Wrench	Blister	4	.92	.03
995	Battery Filler Bottle	None	6	2.4	1.09
965	Battery Terminal Lifter	Blister	6	0.3	.12
969	Terminal Cap Protector (TOP) – 2-Pack	Clamshell	6	.24	.10
970	Rubber Battery Filler	Blister	6	.24	.20
971	4-Way Battery Tool	Blister	6	0.3	.20
Copper Lugs					
1809-2	4 & 6 Gauge, 2-Pack (1/4”)	Blister	24	.28	.14
1810-2	4 & 6 Gauge, 2-Pack (3/8”)	Blister	24	.28	.14
Battery Frames & Trays					
973	Battery Frame – Type 24	Blister	4	2.32	.24
979	Battery Tray – Small	Card	3	.99	.38
981	Battery Tray – Large	Card	4	.31	.33



984



985



995



1810-2



1809-2



970



979



969



969



973



992



993



991



986



971



989



993

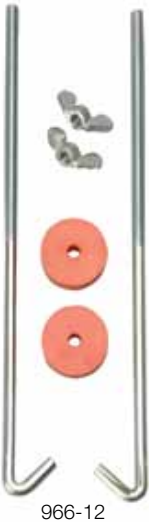
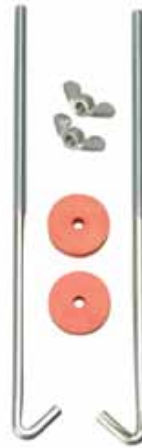
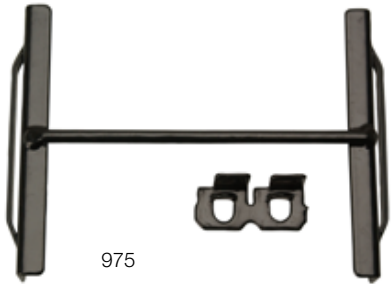


981



Battery Accessories (continued)

CAT NO	DESCRIPTION	PACKAGE TYPE	PACK QTY	MASTER WT	MASTER PACK CUBE
966-8	8" J Hooks	Blister	4	1.12	.05
966-10	10" J Hooks – GM, 2-Pack	Blister	4	1.32	.06
966-12	12" J Hooks, 2-Pack	Blister	4	1.4	.06
967	10" L Hooks – FORD, 2-Pack	Blister	4	2	.04
Battery Hold Down					
975	Universal Crossbar	Blister	3	1.74	.25
976	E-Z Adjustable Hold Down	Clamshell	3	.67	.11
978	Side End-Type 22C/22F/24F	Blister	6	.15	.07
980	Battery Hold Down Kit	Blister	4	2.40	.15





Battery Terminals

CAT NO	DESCRIPTION	PACKAGE TYPE	PACK QTY	MASTER WT	MASTER PACK CUBE
Heavy Duty Top Post Universal					
903-1	Single Pack	Blister	12	3.39	.07
903-10	Ten Pack	Card	10	20.96	.39
903-100	Bulk Pack	Bulk	100	21.50	.38
903B-1	Brass – Single Pack	Blister	12	.16	.07
903C-2	Coated (Red/Black)	Blister	6	2.70	.06
982	Battery Post Shims	Blister	3	.15	.01
Lead Free Top Post					
909-1	Single Pack	Blister	6	1	.04
Extra Heavy Duty (Truck) - Top Post					
906-1	Single Pack	Blister	6	3.49	.06
906-50	Bulk Pack	Bulk	50	24.90	.14
Heavy Duty Side Terminal					
905-1	Single Pack	Blister	6	2	.04
905-7	Seven Pack	Card	10	17.81	.26
Side Terminal Adapters					
925	Set (1 Positive/1 Negative)	Blister	6	5.05	.06
Side Terminal Bolts					
926-2	OEM Style, 2-Pack	Blister	6	.14	.04
926	OEM Style	Bulk	25	.74	.05
928	Extender Bolt w/Deisel Spacer	Blister	6	1.45	.09
Universal Charging Post					
922	Set (1 Positive/1 Negative)	Blister	6	2.5	.04
Bolts and Nuts					
923-2	Top Post 2-Pack	Blister	6	.61	.04
921	Lawn & Garden 2-Pack	Blister	20	2.2	.14



903-1



903B-1



905-1



906-1



909-1



903C-2



928



925



922



926-2



921



982



923-2



Battery Terminals (continued)

CAT NO	DESCRIPTION	PACKAGE TYPE	PACK QTY	MASTER WT	MASTER PACK CUBE
Marine Terminals					
962-1	Single Pack	Blister	6	1.93	.04
962-2	Set (1 Positive/1 Negative)	Blister	6	3	.08
962B-1	Brass	Blister	6	2.19	.05
962C-2	Coated (Red/ Black)	Blister	6	3.06	.07
962-8	4 Sets (4 Positive/4 Negative)	Card	10	24.53	.71



Battery Installation Kit

Contains Terminal Cleaner, Towelette, Plastic Bag, Felt Washers, Wire Brush, and Anti-Corrosion Spray.



CAT NO	DESCRIPTION	PACKAGE TYPE	PACK QTY	MASTER WT	MASTER PACK CUBE
06329	Battery Installation Kit	Clamshell	4	1.58	.11



06329

Trailer Wire



CAT NO	DESCRIPTION	WIRE LENGTH	CASE QTY	CASE WT	CASE CUBE
51544-03	14 Gauge/4 Conductor (White, Brown, Yellow, Green)	100 ft.	2	15	.54
51564-03	16 Gauge/4 Conductor (White, Brown, Yellow, Green)	100 ft.	2	11	.54





Primary Wire Bulk Spools



CAT NO	DESCRIPTION	STRANDING	PACK QTY	MASTER WT	MASTER PACK CUBE
10-100-11	10 Gauge 100' Black	19/23	6	29.31	.28
10-100-12	10 Gauge 100' Blue	19/23	6	29.31	.28
10-100-14	10 Gauge 100' Yellow	19/23	6	29.31	.28
10-100-15	10 Gauge 100' Green	19/23	6	29.31	.28
10-100-16	10 Gauge 100' Red	19/23	6	29.31	.28
10-100-17	10 Gauge 100' White	19/23	6	29.31	.28
12-100-11	12 Gauge 100' Black	19/25	6	20.78	.20
12-100-12	12 Gauge 100' Blue	19/25	6	20.78	.20
12-100-14	12 Gauge 100' Yellow	19/25	6	20.78	.20
12-100-15	12 Gauge 100' Green	19/25	6	20.78	.20
12-100-16	12 Gauge 100' Red	19/25	6	20.78	.20
12-100-17	12 Gauge 100' White	19/25	6	20.78	.20
14-100-11	14 Gauge 100' Black	19/27	6	15.98	.20
14-100-12	14 Gauge 100' Blue	19/27	6	15.98	.20
14-100-14	14 Gauge 100' Yellow	19/27	6	15.98	.20
14-100-15	14 Gauge 100' Green	19/27	6	15.98	.20
14-100-16	14 Gauge 100' Red	19/27	6	15.98	.20
14-100-17	14 Gauge 100' White	19/27	6	15.98	.20
16-100-11*	16 Gauge 100' Black	19/29	6	8.37	.17
16-100-12*	16 Gauge 100' Blue	19/29	6	8.37	.17
16-100-14*	16 Gauge 100' Yellow	19/29	6	8.37	.17
16-100-15*	16 Gauge 100' Green	19/29	6	8.37	.17
16-100-16*	16 Gauge 100' Red	19/29	6	8.37	.17
16-100-17*	16 Gauge 100' White	19/29	6	8.37	.17
18-100-11*	18 Gauge 100' Black	16/30	6	6.10	.17
18-100-12*	18 Gauge 100' Blue	16/30	6	6.10	.17
18-100-14*	18 Gauge 100' Yellow	16/30	6	6.10	.17
18-100-15*	18 Gauge 100' Green	16/30	6	6.10	.17
18-100-16*	18 Gauge 100' Red	16/30	6	6.10	.17
18-100-17*	18 Gauge 100' White	16/30	6	6.10	.17

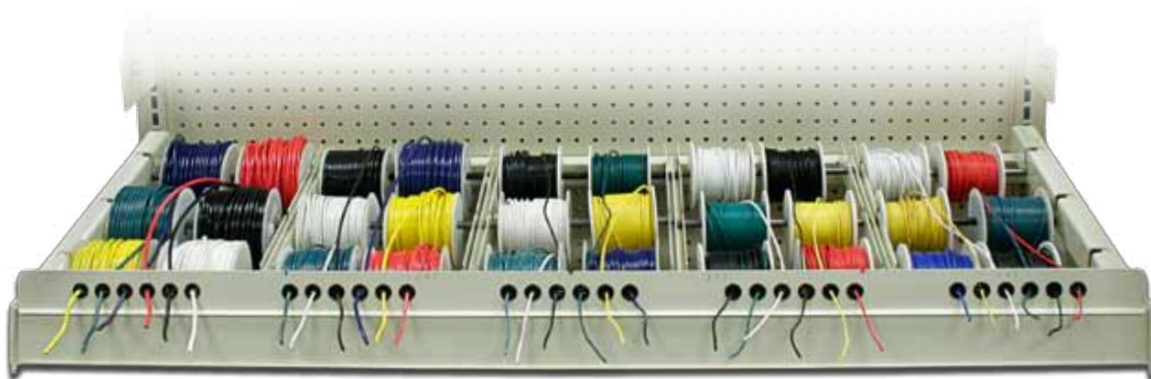
* Imported



Primary Wire Centers

Extensive inventory all on one rack or shelf. Either format holds 30 spools. CCI's Primary Wire Centers give your customers a full selection in a small amount of space. Simple to stock and easy to reload.

CAT NO	DESCRIPTION	PACK QTY	MASTER WT	MASTER PACK CUBE
09975-00-00*	Primary Wire Rack Only (NO SPOOLS)	1	24.80	2.812
09975-00-30	Primary Wire Rack with 30 Spools – 6 Color 10, 12, 14, 16 and 18 Gauge	1	105.68	13.33
09974-08-00	Primary Wire Shelf (No Spools)	1	33.7	2.99
TBD	Primary Wire Rack with 30 Spools	1	TBD	TBD





Primary Wire Individually Packaged

Engineered to handle the harsh environment of an automobile engine, the durable PVC outer-jacket resists water, oil, chemicals, and abrasion.



CAT NO	WIRE GAUGE	COLOR	LENGTH IN FT	PACK QTY	MASTER WT	MASTER PACK CUBE
10-1-11	10	Black	7	6	2.12	.09
10-1-12	10	Blue	7	6	2.12	.09
10-1-14	10	Yellow	7	6	2.12	.09
10-1-15	10	Green	7	6	2.12	.09
10-1-16	10	Red	7	6	2.12	.09
10-1-17	10	White	7	6	2.12	.09
12-1-11	12	Black	11	6	2.11	.09
12-1-12	12	Blue	11	6	2.11	.09
12-1-14	12	Yellow	11	6	2.11	.09
12-1-15	12	Green	11	6	2.11	.09
12-1-16	12	Red	11	6	2.11	.09
12-1-17	12	White	11	6	2.11	.09
14-1-11	14	Black	17	6	2.16	.09
14-1-12	14	Blue	17	6	2.16	.09
14-1-14	14	Yellow	17	6	2.16	.09
14-1-15	14	Green	17	6	2.16	.09
14-1-16	14	Red	17	6	2.16	.09
14-1-17	14	White	17	6	2.16	.09
16-1-11	16	Black	24	6	2.11	.09
16-1-12	16	Blue	24	6	2.11	.09
16-1-14	16	Yellow	24	6	2.11	.09
16-1-15	16	Green	24	6	2.11	.09
16-1-16	16	Red	24	6	2.11	.09
16-1-17	16	White	24	6	2.11	.09
18-1-11	18	Black	33	6	2.11	.09
18-1-12	18	Blue	33	6	2.11	.09
18-1-14	18	Yellow	33	6	2.11	.09
18-1-15	18	Green	33	6	2.11	.09
18-1-16	18	Red	33	6	2.11	.09
18-1-17	18	White	33	6	2.11	.09



Jump Starters

Avoid getting stranded with portable power protection. Road Power Jump Starters have both correct polarity and short circuit protection for safe operation. Some units include USB power ports and air compressors. All units can be easily recharged using any 100 volt outlet.



GM-051

CAT NO	DESCRIPTION	STARTING AMPS	PEAK AMPS	PACKAGE TYPE	PACK QTY	MASTER WT	MASTER PACK CUBE
GM-021	USB and Inverter for AC Output	450	1000	Box	1	23.1	1.73
GM-023	USB and 12V Power Ports	300	600	Box	1	15.4	0.64
GM-051	12V Service	1200	2400	Box	1	44	1.66
	24V Service	600	1200	Box	1	44	1.66

Battery Chargers

Micro-processor controlled high frequency chargers with LED display. Some units feature: overload, over-temperature, short circuit, and reverse polarity protection. Great for use with everything from small to large 12 volt batteries.



HF 0206



HF 0210

CAT NO	DESCRIPTION	INPUT VOLTAGE	OUTPUT CURRENT	PACKAGE TYPE	PACK QTY	MASTER WT	MASTER PACK CUBE
HM 1.5	Battery Maintainer	120V	1.5A	Box	10	14.3	1.25
HM 2	Battery Maintainer	120V	2A	Box	10	19.6	0.89
HF 0206	Battery Charger	120V	2A/4A/6A	Box	8	28.3	1.86
HF 0210	Battery Charger	120V	2A/6A/10A	Box	6	31.3	2.28
HF 0220	Battery Charger	120V	2A/10A/20A	Box	6	32.7	2.28

Inverters & Trickle Chargers

Charge most portable electronic equipment while traveling in your car using Road Power's compact Power Inverter. Charger cables allow user to recharge vehicle battery without opening the hood.



IN 100

CAT NO	DESCRIPTION	INPUT VOLTAGE	OUTPUT CURRENT	PACKAGE TYPE	PACK QTY	MASTER WT	MASTER PACK CUBE
IN-100	Power Inverter (USB & 120V AC)	80W	200W	Clamshell	10	6.6	0.82
SPE-007	16 Ga/12 Ft. Charger Cables	-	-	Box	6	30.8	2.38



RV/Mobile Home Cords

Includes power supply and extension cords that make any installation easy and safe. These are for use in campgrounds, motor parks and recreational areas. All cords and adapters are black.



09521



09524



09542

09572

CAT NO	CORD LENGTH	CORD TYPE & GAUGE	ATTACHMENT PLUG MALE	CORD CONNECTOR FEMALE	BULK PACK	RETAIL PACK
RV Adapters & Accessories						
09521	–	Adapter	5-15P	30A RV	100	4
09522	–	Adapter	30A RV	5-15R	100	4
09524	–	Right Angle Adapter	5-15P	30A RV	100	12
09523*	–	Replacement Plug	30A RV Plug	–	–	4
09543*	–	Replacement Plug	50A RV Plug	–	–	3
09528	–	Adapter	30A RV	50A 14-50R	–	4
09529	–	Adapter	50A RV	30A RV	–	4
Adapter Extension Cord Sets						
09542	18 in.	14/3 STW	5-15P	30A RV	12	2
09544	18 in.	14/3 STW	30A RV	5-15R	12	2
09552	18 in.	10/3 STW	30A RV	50A 14-50R	50	2
09554	18 in.	10/3 STW	50A 14-50P	30A RV	50	2
09553	12 in.	10/3 STW Twist-To-Lock Generator Adapter	30A L5-30P	30A RV	50	3
30A & 50A RV Power Supply Cords						
09575	18 in.	10/3 STW	30A RV	–	50	–
09572	18 in.	10/3 STW	–	30A RV	50	–
09525*	25 ft.	10/3 STW	30A RV	–	10	–
09529*	28 ft.	10/3 STW	30A RV	–	10	–
09519*	30 ft.	10/3 STW	30A RV	–	8	–
09516*	36 ft.	10/3 STW	30A RV	–	8	–
09531*	50 ft.	10/3 STW	30A RV	–	5	–
09527*	25 ft.	6/3 & 8/1 STW	50A 14-50P	–	3	–
09530*	30 ft.	6/3 & 8/1 STW	50A 14-50P	–	3	–
09536*	36 ft.	6/3 & 8/1 STW	50A 14-50P	–	3	–
09560*	25 ft.	6/3 & 8/1 Flexible SEW 90C	50A 14-50P	–	3	–
09562*	30 ft.	6/3 & 8/1 Flexible SEW 90C	50A 14-50P	–	3	–
09561*	36 ft.	6/3 & 8/1 Flexible SEW 90C	50A 14-50P	–	3	–
09537*	40 ft.	6/3 & 8/1 Flexible SEW 90C	50A 14-50P	–	3	–
15A, 30A & 50A RV Extension Cord Sets						
09510	10 ft.	10/3 STW	30A RV	30A RV	20	–
09550	25 ft.	10/3 STW	30A RV	30A RV	10	2
09555	50 ft.	10/3 STW	30A RV	30A RV	5	–
09570*	30 ft.	10/3 STW	30 RV	30 RV	–	2
09590	25 ft.	6/3 & 8/1 SEW	50A 14-50P	50A 14-50R	2	1

* UL Listed



RV/Mobile Home Power Protection

Ensure power going into your RV/Mobile Home is consistent, steady, and safe. A variety of units that protect against open ground, reverse polarity, and high/low voltage. All models feature easy to read displays.



44740

CAT NO	DESCRIPTION	WIRE GA/COND	ELECT. RATING	JOULES	PACK QTY
44740	30 Amp Portable Ground Fault	10/3	120/30A	510	20
AECM10086	30 Amp Portable Surge Guard	N/A	120/30A	1020	1
AECM2020	Digital Line Monitor	N/A	120/15A	N/A	1



Work Lights

Engineered to provide maximum light, The Designer's Edge® Work Lights meet the needs of the professional or "Do-it-Yourselfer". Halogen lights are constructed of heavy duty die casting and include "Shadow Fighter" grills. Fluorescent lights offer cool to the touch operation with 300 watt light output equivalent from 65 watts. LED lights provide super bright long life LED's for years of service, cool to the touch operation with durable polymeric housings.



L33



L1301



L41HD



L2006



L13



L14SLED

CAT NO	DESCRIPTION	WIRE GA/COND	LENGTH IN FT	125V RATING	MASTER QTY	MASTER WT	MASTER PACK CUBE
L20	500 Watt Halogen Portable	18/3	1	-	6	19.8	1.73
L13	1,000 Watt Twin Head Halogen Tri-pod	18/3	4	-	2	20.5	1.77
L33	500 Watt with Power Switch Portable	18/3	1	-	6	27	2.38
L14SLED	1,000 Watt Twin Head Halogen Tri-pod and Sled Base	18/3	5	-	2	26.8	2.46
L2006	360° Directional 65 Watt Fluorescent with Outlet	18/3	5	-	4	18.4	2.14
L2004	65 Watt Fluorescent	18/3	5	-	4	36	6.23
L1306	108 LED Low Voltage	18/2	1	-	6	19.8	1.9
L1301	180 LED Rechargeable	12V	15	-	4	24	2.03
L41HD	500 Watt Halogen Wall Mounted Dock Light	18/3	10	-	1	16	1.2

Clamp Lights

CAT NO	DESCRIPTION	WIRE GA/COND	LENGTH IN FT	125V RATING	MASTER QTY	MASTER WT	MASTER PACK CUBE
L855	35 Watt Bullet Halogen with Spare Bulb	18/3	3		4	7.2	1.11
L845	250 Watt Halogen with 360° swivel hook	18/3	5		12	91.2	2.11



L2004



L845



L855

Handheld Lights

The Designer's Edge® Handheld Lights represent both durability and practicality. Lightweight construction makes handling them effortless, but don't let the lack of weight fool you! Constructed from tough PVC, these lights can stand the rigors of almost any work environment.



L1920



L1924



L1925



L1198

CAT NO	DESCRIPTION	WIRE GA/COND	LENGTH IN FT	125V RATING	MASTER QTY	MASTER WT	MASTER PACK CUBE
L1797	13 Watt Fluorescent	18/2	6	-	6	12	0.41
L1920	13 Watt Fluorescent with Outlet, Chrome Grill, Rubbereze™ Grip	16/3	6	-	4	5.2	0.53
L1921	26 Watt Fluorescent with Outlet, Chrome Grill, Rubbereze™ Grip	16/3	6	-	4	6	0.67
L1922	36 LED with Outlet, Chrome Grill, Rubbereze™ Grip	16/3	6	-	4	5.2	0.53
L1923	72 LED with Outlet, Chrome Grill, Rubbereze™ Grip	16/3	6	-	4	6	0.67
L1924	36 LED Rechargeable with 120V & 12V transf., Chrome Grill, Rubbereze™ Grip	-	-	-	4	6	0.53
L1925	72 LED Rechargeable with 120V & 12V transf., Chrome Grill, Rubbereze™ Grip	-	-	-	4	7.2	0.67



L1921



L1922



L1923



L1797

Task Lights

CAT NO	DESCRIPTION	WIRE GA/COND	LENGTH IN FT	125V RATING	MASTER QTY	MASTER WT	MASTER PACK CUBE
L1198	24 LED Battery-Operated Trouble Light with Magnet and Hang Hook	-	-	-	6	2.4	0.62
L1215	36 LED Rechargeable Trouble Light with Magnet and Hang Hook	-	-	-	6	8.25	1.09
L1407	16 LED with 8 LED Spot, Laser and Heavy Duty Magnet	-	-	-	12	4.2	0.28
L1197	1 LED Pen Light with Switch	-	-	-	6	1.2	0.42
L1196	1 LED 14" Flex Light with Base Magnet	-	-	-	6	1.2	1.2
L1240	12 LED Head Light w/ 3 Power Settings and Flash Mode 21 LED Head Light	-	-	-	12	6	0.71



L1407



L1196



L1240



L1215

Cord Reel

Tired of tripping over extension cords? The Designer's Edge® Retractable Reels solve that problem and keep your work area organized. TDE Retractable Reels are available with fluorescent lights, incandescent lights, LED lights, or multiple-outlet power blocks. Reel cases are constructed with extra-tuff ABS plastic or heavy-duty steel and mount easily for use in workshop, basement, or garage. Mounting hardware included.



E316

CAT NO	DESCRIPTION	WIRE GA/COND	LENGTH IN FT	125V RATING	MASTER QTY	MASTER WT	MASTER PACK CUBE
E102	Cord Storage Reel 150 ft. 16/3 cap.	-	-	-	8	8.8	1.93
E103	Self Standing Cord Storage Wheel 150 ft. 16/3 cap.	-	-	-	4	7.2	2.92
E231	Free Standing Cord Reel with 4 Power Outlets	16/3	20	-	6	15.6	1.26
E315	Retractable with Triple Tap	16/3	20	-	4	4	0.69
E215	Retractable Heavy Duty Diamond Plate Metal with Lighted Triple Tap	16/3	30	-	2	7	0.67
E216	Retractable with Plastic Incandescent Work Light	16/3	20	-	4	13.2	0.63
E251	Retractable with Metal Incandescent Work Light	14/3	25	-	3	25.35	1.08
E318	Retractable with 13 Watt Fluorescent Work Light	16/3	30	-	2	17.2	1.09
E319	Retractable with 72 LED Work Light	16/3	30	-	2	17.2	1.09
E316	Retractable Wall-Mounted or Handheld with Triple Tap	14/3	45	-	2	22.5	1.33



E319



E102



E315



E103

Bulb Storage

Bulb Buddy™ Cases are constructed from heavy-duty plastic with foam inserts that protect bulbs from damage. The unit's small, compact size means it can be stored almost anywhere.



L12500W

CAT NO	DESCRIPTION	WIRE GA/COND	LENGTH IN FT	125V RATING	MASTER QTY	MASTER WT	MASTER PACK CUBE
L12500W	500 Watt Bulb Buddy Jr for 3 Bulbs	-	-	-	6	0.75	0.43
L15	500 Watt Bulb Buddy for 6 Bulbs	-	-	-	12	6.60	1.52
L22	300 Watt Rough Service Bulb Buddy for 6 Bulbs	-	-	-	12	5.24	1.52
L23	500 Watt Rough Service Bulb Buddy for 6 Bulbs	-	-	-	12	5.24	1.52

Garage Accessories



L15

CAT NO	DESCRIPTION	WIRE GA/COND	LENGTH IN FT	125V RATING	MASTER QTY	MASTER WT	MASTER PACK CUBE
L819	4 ft. 10-Outlet Diamond Plate Metal Power Strip with Circuit Breaker Protection	14/3	6	-	6	31.8	1.42
L88	48 Inch 2-Bulb Diamond Plated Fluorescent Shoplight	18/3	5	-	4	22.8	3.57
L89	48 Inch 4-Bulb Diamond Plated Fluorescent Shoplight	18/3	5	-	2	18	2.98
L185	Combination Universal Bulb Shoplight and 600W Radiant HeatBulb	18/3	5	-	2	32	6.58
L186	Combination Universal Bulb Shoplight and 1500 Watt Ceramic Heater and Fan	18/3	5	-	2	80	6.58



L22



L185



L186



L819



L88



L89

Outdoor Extension Cords

These all-purpose cords resist moisture, abrasion, and prolonged exposure to sunlight for durability.

Outdoor Extension Cords



Molded, water resistant connectors with reinforced blades make these cords suitable for outdoor use.



02307



02408



02589

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	PACK QTY	MASTER WT	MASTER PACK CUBE
Two Conductor									
02204	16/2	SJTW	Orange	10	Sleeve	13A	24	18	.61
02210	16/2	SJOW	Black	15	Sleeve	13A	24	19	.88
02207	16/2	SJTW	Orange	25	Sleeve	13A	12	16	.82
02208	16/2	SJTW	Orange	50	Sleeve	13A	12	32	1.31
02209	16/2	SJTW	Orange	100	Sleeve	10A	6	31	1.29
Three Conductor									
02304	16/3	SJTW	Orange	10	Sleeve	13A	24	18	.75
02211	16/3	SJOW	Black	10	Sleeve	13A	24	19	.79
02305	16/3	SJTW	Orange	15	Sleeve	13A	18	24	.76
02306	16/3	SJTW	Black	15	Sleeve	13A	18	24	.75
02307	16/3	SJTW	Orange	25	Sleeve	13A	12	25	.76
02308	16/3	SJTW	Orange	50	Sleeve	13A	12	46	1.16
02309	16/3	SJTW	Orange	100	Sleeve	10A	6	45	1.19
02407	14/3	SJTW	Red	25	Sleeve	15A	12	35	.90
02408	14/3	SJTW	Red	50	Sleeve	15A	6	29	.82
02409	14/3	SJTW	Red	100	Sleeve	13A	6	60	1.41
Three Conductor - Lighted End									
02587	12/3	SJTW	Yellow	25	Sleeve	15A	12	40	1.21
02588	12/3	SJTW	Yellow	50	Sleeve	15A	6	40	1.41
02589	12/3	SJTW	Yellow	100	Sleeve	15A	4	52	1.41
02687	10/3	SJTW	Yellow	25	Sleeve	15A*	6	36	1.14
02688	10/3	SJTW	Yellow	50	Box	15A*	4	48	1.00
02689	10/3	SJTW	Yellow	100	Box	15A*	3	70	1.25
Three Conductor Large Cap and Conductor - 600 Volt Rated									
02457	14/3	SJTW	Orange	100	Sleeve	15A	6	26	1.41
02458	14/3	SJTW	Orange	25	Box	15A	4	34	2.02
02459	14/3	SJTW	Orange	50	Box	13A	3	50	1.25
02557	12/3	SJTW	Orange	100	Sleeve	15A	6	34	2.38
02558	12/3	SJTW	Orange	50	Box	15A	4	45	2.02
02559	12/3	SJTW	Orange	100	Box	15A	3	65	1.25

* Plug and receptacle rated 15A

High Visibility/Low Temperature



All Weather Cords Featuring Lighted End

High visibility, bright blue cord is easily identified on the jobsite. Coleman Cable's new vinyl compound provides super-flexibility at temperatures down to -45°F. Reinforced blades help prevent accidental bending or breaking and a heavy-duty strain relief protects electrical connections resulting in longer cord life. High Visibility/Low Temperature extension cords come standard with power indicator light in the receptacle to show that the power is on.



02467



03268

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	PACK QTY	MASTER WT	MASTER PACK CUBE
02367	16/3	SJTW	Blue	25	Sleeve	13A	12	19	.84
02368	16/3	SJTW	Blue	50	Sleeve	13A	12	38	1.37
02369	16/3	SJTW	Blue	100	Sleeve	10A	6	35	1.27
02467	14/3	SJTW	Blue	25	Sleeve	15A	6	13	.52
02468	14/3	SJTW	Blue	50	Sleeve	15A	6	26	1.16
02469	14/3	SJTW	Blue	100	Sleeve	13A	3	24	.78
02568	12/3	SJTW	Blue	50	Sleeve	15A	4	24	1.35
02569	12/3	SJTW	Blue	100	Sleeve	15A	4	24	1.41
Tri-Source® Three-Way Power Block									
03267	14/3	SJTW	Blue	25	Sleeve	15A	6	14	.51
03268	14/3	SJTW	Blue	50	Sleeve	15A	6	27	.85
04168	12/3	SJTW	Blue	50	Sleeve	15A	6	40	1.14
04169	12/3	SJTW	Blue	100	Sleeve	15A	4	51	1.44



American Contractor®



American Contractor® cords are the all-purpose, portable outdoor cord that stays flexible even under the most extreme temperature conditions to -67°F. The rugged T*Prene® construction saves you money because it lasts longer. It provides superior resistance to abrasion, ozone, oil, grease, and chemicals. Plus, the outer jacket is flame retardant and water resistant. All American Contractor® Extension Cords come standard with a power indicator light in the receptacle to show that the power is on.



01699

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	PACK QTY	MASTER WT	MASTER PACK CUBE
01294	16/3	SJEOW	Yellow	10	Sleeve	13A	12	18	.59
01297	16/3	SJEOW	Yellow	25	Sleeve	13A	6	15	.64
01497	14/3	SJEOW	Yellow	25	Sleeve	15A	6	13	.64
01498	14/3	SJEOW	Yellow	50	Sleeve	15A	6	25	1.14
01499	14/3	SJEOW	Yellow	100	Sleeve	13A	6	49	1.41
01697	12/3	SJEOW	Yellow	25	Sleeve	15A	6	20	.64
01698	12/3	SJEOW	Yellow	50	Sleeve	15A	6	39	1.41
01699	12/3	SJEOW	Yellow	100	Box	15A	2	24	1.51
01798	10/3	SJEOW	Yellow	50	Box	15A*	2	24	1.51
01799	10/3	SJEOW	Yellow	100	Box	15A*	3	63	1.25
Tri-Source® Three-Way Power Block									
03492	12/3	SEOW	Yellow	2	Sleeve	15A	6	5	.64
03497	12/3	SJEOW	Yellow	25	Sleeve	15A	6	21	1.14
03498	12/3	SJEOW	Yellow	50	Sleeve	15A	6	39	1.41
03499	12/3	SJEOW	Yellow	100	Box	15A	2	25	2.02
Quadnector® Four-Way Power Block**									
04492	12/3	SJEOW	Yellow	6	Sleeve	15A	4	6	.64

* Plug and receptacle rated 15A

** Rated for indoor use only





Cool Colors™ Outdoor Extension Cords



Contractor Grade SJTW cord features a jacket in a variety of colors for added safety and theft deterrence on the jobsite. Features clear molded plugs with power indicator light in the female receptacle. Added features include heavy duty strain relief and reinforced blades and ground pin.

CAT NO	WIRE GA/COND	WIRE TYPE	NEON COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
02577-00-XX	12/3	SJTW	See	25	Sleeve	15A	12	40	1.41
02578-00-XX	12/3	SJTW	Colors	50	Sleeve	15A	8	53	1.41
02579-00-XX	12/3	SJTW	Below*	100	Sleeve	13A	4	52	1.41

*Color (XX): 0A= Pink; 0H=Blue; 0X=Green



Stripes™ Outdoor Extension Cords



Increase safety awareness and help to prevent jobsite loss or theft with STRIPES™ outdoor extension cords. Each extension cord features a dominant color and an extruded colored stripe that runs the length of the cord. All STRIPES™ extension cords have a power indicator light in the receptacle to show that the power is on.

CAT NO	WIRE GA/COND	WIRE TYPE	NEON COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
02548-00-XX	12/3	SJTW		50	Sleeve	15A	8	53	1.41
02549-00-XX	12/3	SJTW	See Color	100	Sleeve	15A	4	52	1.41
02648-00-XX	10/3	SJTW	Combinations	50	Disk	15A	4	46	1.41
02649-00-XX	10/3	SJTW	Below**	100	Disk	15A	3	68	1.41

12/3: **Color (XX): 54=Lime Green/Red; 22=Yellow Purple; 52=Dark Green/Yellow; 64=Blue/Red; 41=Red/White; 77=Pink/Lime Green; 3V=Orange/Blue
 10/3: 54=Lime Green/Red; 64=Blue/Red

Multi-Outlet Vinyl Extension Cords



Three- and Four-Way Power Blocks

Innovative block provides additional outlets for power distribution. Vinyl jacket resists moisture, abrasion, and prolonged exposure to sunlight. Reinforced blades help prevent accidental bending or breaking and a heavy-duty strain relief protects electrical connections resulting in longer cord life.

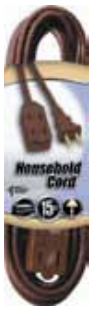


04187

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
Tri-Source® Three-Way Power Block									
04003*	16/3	SJTW	Orange	3	Sleeve	13A	24	26	.60
04006*	16/3	SJTW	Orange	9	Sleeve	13A	24	35	1.36
04004	14/3	SJTW	Orange	6	Sleeve	15A	18	19	.77
04217	14/3	SJTW	Orange	25	Sleeve	15A	12	33	.94
04218	14/3	SJTW	Orange	50	Sleeve	15A	6	30	.85
04219	14/3	SJTW	Orange	100	Sleeve	13A	6	55	1.43
Tri-Source® Three-Way Power Block with Lighted End									
04112	12/3	SJTW	Orange	2	Sleeve	15A	12	11	.40
04187	12/3	SJTW	Yellow	25	Sleeve	15A	12	45	1.34
04188	12/3	SJTW	Yellow	50	Sleeve	15A	6	42	1.14
04189	12/3	SJTW	Yellow	100	Sleeve	15A	4	53	1.28
Quadnector® Four-Way Power Block									
04102*	12/3	SJTW	Orange	6	Sleeve	15A	6	9	.64
04107*	12/3	SJTW	Orange	25	Sleeve	15A	6	25	1.14
04108*	12/3	SJTW	Orange	50	Box	15A	4	32	2.02
04109*	12/3	SJTW	Orange	100	Box	15A	4	56	2.02
Quadnector® Four-Way Power Block - 600 volt Rated									
04207*	12/3	STW	Orange	25	Sleeve	15A	6	36	2.36
04208*	12/3	STW	Orange	50	Box	15A	4	47	2.02
04209*	12/3	STW	Orange	100	Box	15A	3	67	1.25

* Rated for Indoor Use Only





09404



09412



09407



03507

Indoor Extension Cords

Cube Tap Extension Cords



Plug and three-outlet polarized connector for convenient use. Each connector has a safety cover or slide covers permanently attached.

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
Cube Taps									
09401	16/2	SPT-2	Brown	6	Sleeve	13A	48	15	.67
09402	16/2	SPT-2	Brown	9	Sleeve	13A	36	16	.69
09403	16/2	SPT-2	Brown	12	Sleeve	13A	36	20	.68
09404	16/2	SPT-2	Brown	15	Sleeve	13A	24	16	.50
09405	16/2	SPT-2	Brown	20	Sleeve	13A	24	19	.70
09411	16/2	SPT-2	White	6	Sleeve	13A	48	15	.67
09412	16/2	SPT-2	White	9	Sleeve	13A	36	16	.69
09413	16/2	SPT-2	White	12	Sleeve	13A	36	20	.68
09414	16/2	SPT-2	White	15	Sleeve	13A	24	16	.50
09415	16/2	SPT-2	White	20	Sleeve	13A	24	19	.70
03520-01	16/3	SPT-2	White	8	Sleeve	13A	24	15	.44
03520-07	16/3	SPT-2	Brown	8	Sleeve	13A	24	15	.44
Remote Control Cord									
09345	16/2	SPT-2	White	15	Sleeve	10A	24	26	.66

Split Cube Tap Extension Cords



Cord splits in 2 directions – 6 feet each.

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
09418	16/2	SPT-2	White	12	Clamshell	13A	24	15	1.06

SlenderPlug® Cube Tap Extension Cords



Plug design allows you to move furniture closer to the wall and helps prevent cord and plug damage. SlenderPlug® cube taps feature an electro-luminescent lighted plug.

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
09407	16/2	SPT-2	Brown	7	Sleeve	13A	24	9	.44
09409	16/2	SPT-2	Brown	11	Sleeve	13A	24	15	.44
09417	16/2	SPT-2	White	7	Sleeve	13A	24	9	.44
09419	16/2	SPT-2	White	11	Sleeve	13A	24	15	.44

SlenderPlug® – Grounded 3 Outlet Trinector® Plug



Plug design allows you to move furniture closer to the wall and helps prevent cord and plug damage. The Trinector® receptacle has 3 grounded outlets.

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
03507	16/3	SPT-2	Beige	6	Sleeve	13A	24	13	.45
03517	16/3	SPT-2	White	6	Sleeve	13A	24	13	.50
03518	16/3	SPT-2	White	12	Sleeve	13A	24	18	.64

Generator Power Cords and Adapters

Generator Power Cords



01910

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	PACK QTY	MASTER WT	MASTER PACK CUBE
<i>Temporary power cord with three 15 amp receptacles and one male 5-15P plug engineered to work exclusively with generators or other equipment rated to or less than 15 amps.</i>									
01910*	12/3	SJTW	Yellow	25	Card	15A	12	44.5	2.20
<i>Temporary power cord with three 15 amp receptacles and one male 5-20P plug engineered to work exclusively with generators or other equipment rated to or less than 15 amps.</i>									
01911	10/3	SJTW	Yellow	25	Card	15A	6	36.5	1.41
<i>Temporary power cord with three 15 amp receptacles and one male L5-30P plug engineered to work exclusively with generators or other equipment rated to or less than 15 amps.</i>									
01912	10/3	SJTW	Yellow	25	Card	15A	3	35.6	1.41

* UL Listed

Twist-To-Lock Adapters



09023

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	PACK QTY	MASTER WT	MASTER PACK CUBE
Adapters									
<i>Standard 15A U-Ground plug (NEMA 5-15P), Twist-To-Lock 20A receptacle (NEMA L5-20R)</i>									
09020	12/3	STW	Yellow	9 inches	Sleeve	-	10	5	.29
<i>Twist-To-Lock 20A plug (NEMA L5-20P), Standard 15A U-Ground receptacle (NEMA 5-15R)</i>									
09021	12/3	STW	Yellow	9 inches	Sleeve	-	10	6	.24
“Y” Adapter									
<i>Twist-To-Lock 20A plug (NEMA L5-20P), two Twist-To-Lock 20A receptacle (NEMA L5-20R)</i>									
09022	12/3	STW	Yellow	20 inches	Sleeve	20A	10	14	1.07
“W” Adapter									
<i>Twist-To-Lock 20A plug (NEMA L5-20P), three Twist-To-Lock 20A receptacle (NEMA L5-20R)</i>									
09023	12/3	STW	Yellow	20 inches	Sleeve	20A	10	16	1.04
Tri-Source® Adapter									
<i>Twist-To-Lock 20A plug (NEMA L5-20P), Standard 15A U-Ground Tri-Source® receptacle (NEMA 5-15R)</i>									
09084	12/3	STW	Yellow	24 inches	Sleeve	20A	10	15	.54



09020



09021



09084





09019

Vinyl "W" Adapters

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	PACK QTY	MASTER WT	MASTER PACK CUBE
15A "W" Adapter									
09019	12/3	STW	Yellow	2	Sleeve	15A	12	25	1.09

Generator Power Cords and Adapters



01914























01924



02862



09059

CAT NO	DESCRIPTION	LENGTH IN FT	PACKAGE TYPE	PACK QTY	MASTER WT	MASTER PACK CUBE	NEMA PLUG	NEMA CONNECTOR
01914	10/3 STOW "Y" L5-30P to (2) Lighted L5-20R	3	Box	4	11	0.777	L5-30P 	(2) L5-20R 
01915	10/3 STOW "Y" L5-30P to (2) Lighted 5-20R	3	Box	4	11	0.777	L5-30P 	(2) 5-20R 
01924	12/4 STOW "Y" L14-20P to 12/3 (2) Lighted 5-20R	3	Box	4	12	0.777	L14-20P 	(2) 5-20R 
01934	10/4 STOW "Y" L14-30P to 10/3 (2) Lighted 5-20R	3	Box	4	11	0.777	L14-30P 	(2) 5-20R 
02618	10/3 SJTOW 5-20P to Lighted 5-20R	50	Disk	2	22	0.848	5-20P 	5-20R 
02619	10/3 SJTOW 5-20P to Lighted 5-20R	100	Disk	2	45	1.2	5-20P 	5-20R 
02862	10/3 STOW "Y" L5-30P GFCI to (2) Lighted 5-20R	3	Box	2	6	0.424	L5-30P 	(2) 5-20R 
09058	10/3 SJTOW L5-20P to Lighted L5-20R	50	Disk	2	22	1.66	L5-20P 	L5-20R 
09059	10/3 SJTOW L5-20P to Lighted L5-20R	100	Disk	2	45	2.33	L5-20P 	L5-20R 
09084	12/3 STW L5-20P to Lighted Tri-Source® 5-15R	2	Sleeve	6	10	0.389	L5-20P 	(3) 5-15R 

CCI's Hand-Pack boxes provide immediate Counter/Shelf displays.



Surge Protectors and Power Strips

Workshop

These Workshop strips, power centers and surge protectors are built to take abuse. Most products feature a built-in cord wrap and hang hole that make it easy to store when not in use.



04644

04657

CAT NO	LENGTH IN FT	COLOR	PACKAGE TYPE	PACK QTY	MASTER WT	MASTER PACK CUBE
4 Outlet GFCI Block - NEW!						
04644	6 Ft.	Blk/Yellow	Box	4	12.1	.65
6 Outlet Metal Strip						
04657	15 Ft.	Blk/Yellow	Box	6	28	.7
8 Outlet Metal Power Center						
04655	6 Ft.	Blk/Yellow	Box	6	15	.82



04655

04666

Yellow Jacket®

CAT NO	LENGTH IN FT	COLOR	PACKAGE TYPE	PACK QTY	MASTER WT	MASTER PACK CUBE
6 Outlet Metal Surge 1050 Joules						
5138	15 Ft.	Yellow	Box	4	11	.51
6 Outlet Metal Strip						
5139	6 Ft.	Yellow	Box	4	6.8	.49

Surge Protectors

Surges and spikes are increases in voltage in an electrical line. These fluctuations can gradually, or even instantaneously, destroy sensitive electronics. Protect your investment with a surge protector.



041450

041601

041452

CAT NO	JOULES	LENGTH IN FT	COLOR	WARRANTY	PACKAGE TYPE	PACK QTY	MASTER WT	MASTER PACK CUBE
6 Outlet Surge Protector								
041450	250	2	Ivory	-	Sleeve	12	8.2	.49
6 Outlet Surge Protector								
041452	750	3	Ivory	-	Sleeve	6	5.58	.34
6 Outlet Metal Surge Protector with 10' Cord								
041601	1250	10	Black	-	Box	6	12.36	.77

Power Strips

(Note: these products are not surge protectors and will not protect against power surges.)

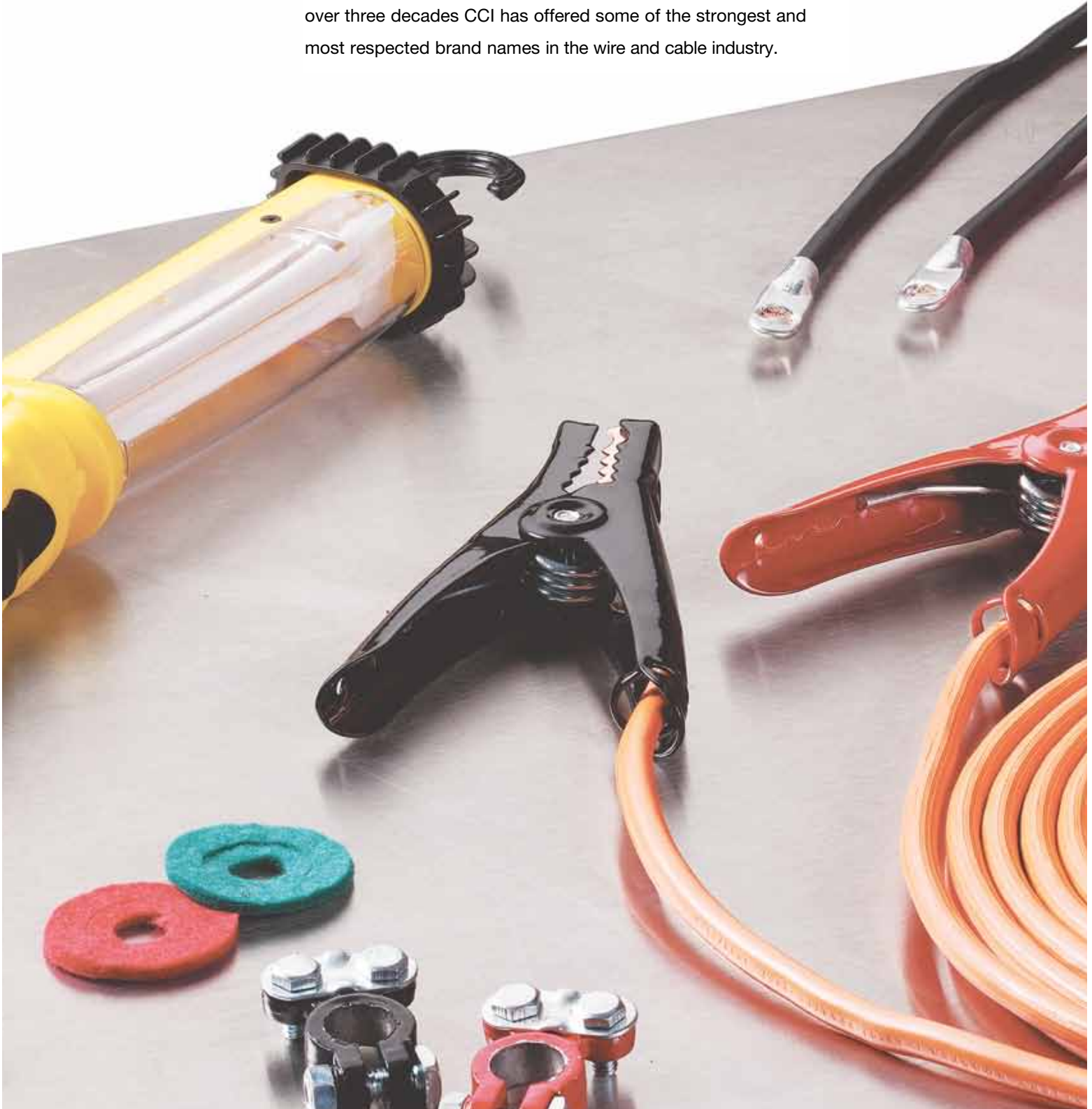


041404

CAT NO	LENGTH IN FT	COLOR	PACKAGE TYPE	PACK QTY	MASTER WT	MASTER PACK CUBE
6 Outlet Strip						
041402	4 Ft.	Ivory	Sleeve	6	5.7	.30
041403	6 Ft.	Ivory	Sleeve	6	6.84	.33
6 Outlet Strip with Longer Cord						
041404	8 Ft.	Ivory	Sleeve	6	7.68	.34

Industry-leading brands, Diverse product lines.

Coleman Cable has long realized the importance of producing top-quality products backed by strong brands. For over three decades CCI has offered some of the strongest and most respected brand names in the wire and cable industry.





Road Power®

Coleman Cable's nationally-recognized Road Power® brand of automotive products features a wide range of items – from booster cables to battery cables, to RV accessories. All products come in eye-catching Road Power packaging designed for maximum impact. Extensive product offerings, technical expertise, a dedicated effort for customer service and an on-going commitment to provide product innovation are some of the reasons for Coleman Cable's leadership in the automotive aftermarket industry. For the best value and quality in the industry, turn to Road Power brand from Coleman Cable Inc.



Maximum Energy™

Road Power's Maximum Energy™ brand of RoHS Compliant battery cables are free of lead and other hazardous materials. Besides eliminating the threat of lead contamination, these lead-free battery cables provide superior starting power for car, truck, and marine applications when compared to leaded counterparts. Tin-plated brass terminals supply the highest-level of corrosion protection while full gauge stranded copper extends through the entire length of the flattened lug ends, insuring complete capacity conductivity.



The Designers Edge™

The Designers Edge is the leading innovator in the industry providing quality, high performance Work lights, Task lights, Retractable cord reels, Cord management, Replacement bulbs, Shop lights and more. The Designers Edge owns numerous patents and has achieved worldwide acclaim for product design. Our dedicated sales team tailors this product offering to exceed customer's expectations.



Exceptional Performance

is reflected in everything we do.

Coleman Cable Inc. customers know they can rely on us to consistently deliver a broad range of wire and cable products and innovative solutions backed by recognized brands. These characteristics combined with a solid service platform and dedicated professional people, create a dynamic customer value that's exclusive to Coleman Cable.

Broad Range of Products -

We provide one of the most extensive and diverse lines of electrical, electronic and assembled products in the industry. Through research, development and strategic acquisitions, such as Copperfield, we continue to enhance our product mix to meet customer needs.

Innovative Solutions -

From custom cables for industrial, aerospace or military applications to the latest in electronic cables for security systems, you'll find Coleman Cable at the forefront of product and technology innovation.

Recognized Brands -

Seoprene®, Royal®, Baron™, Road Power®, Signal®, Copperfield®, Woods® and Polar/Solar® all are leaders in their respective markets. Our distributors know that when they provide these leading brands to their customers, they receive instant acceptance and credibility in the marketplace.

Solid Service Platform -

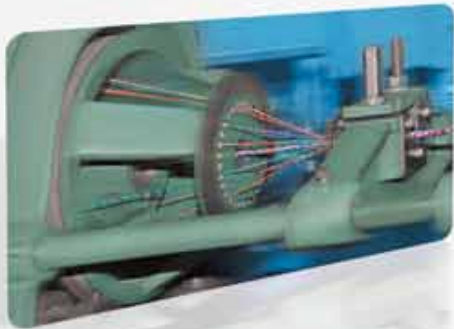
We utilize more than 2 million sq ft of strategically located, state-of-the-art, ISO-certified manufacturing and distribution facilities. This national footprint and extensive investment in service systems powers us to deliver more than 70,000 SKUs with a better than 97% first-fill rate.

Dedicated Professional People -

We deliver strong performance because our people deliver strong performance every day. We've built a culture that puts customer needs first, making us easy to do business with and placing us at the top of our customers' list of suppliers.

Customer Value -

A Broad Range of Products, Innovative Solutions, Recognized Brands, and a Solid Service Platform are the foundation that Coleman Cable's Dedicated, Professional People build upon to create Customer Value.





ASSEMBLED



Coleman Cable Inc.
800-323-9355 • www.colemancable.com



For over 40 years, Coleman Cable (CCI) has been a leader in the development of innovative wire and cable products. Today we're utilizing more than 2 million square feet of strategically located, state-of-the-art, ISO-certified manufacturing and distribution facilities nationwide and offer one of the most diversified lines of industrial, electronic, and assembled products available. Our growing brands are some of the strongest and most respected in the assembled products industry—brands like Designers Edge™ TRC®, Woods®, Fire Shield®, Shock Shield®, and HD-Pro®.

CCI provides a vast offering of products that include Portable Cord, Industrial Power Cables, Building Wire, Lead Wire, Tray Cables, Specialty Products, and design engineered products. This catalog contains the majority of our professional grade assembled products. Also included in this catalog is a capabilities section because CCI has produced thousands of custom cables for commercial, industrial, aerospace, and military applications. Additionally, there are technical and glossary sections that can assist you in answering some of your construction and application questions. Count on CCI to be your complete cable solution, and you'll be able to handle today's toughest applications... and tomorrow's.

Be sure to visit our website at www.colemancable.com where you can search all our products and view detailed specification sheets. Should you need more information on products, application or standards, do not hesitate to call us. 1-800-323-9355.

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CCI provides a vast offering of products that include Portable Cord, Industrial Power Cables, Building Wire, Lead Wire, Tray Cables, Specialty Products, and design engineered products. This catalog contains the majority of our professional grade assembled products. Also included in this catalog is a capabilities section because CCI has produced thousands of custom cables for commercial, industrial, aerospace, and military applications. Additionally, there are technical and glossary sections that can assist you in answering some of your construction and application questions. Count on CCI to be your complete cable solution, and you'll be able to handle today's toughest applications... and tomorrow's.

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Coleman Cable offers a comprehensive line of extension cord products to handle a full range of professional construction and industrial applications. With CCI you can choose either thermoplastic elastomer (TPE) or a variety of poly vinyl chloride (PVC) constructions.

Premium TPE Polar/Solar® cords, made with Coleman’s exclusive T*Prene® insulation, stay flexible under the most extreme temperatures. They weigh less and are 2 ½ times more abrasion resistant than ordinary cords. Available in 16, 14, 12, and 10 gauge and in 25, 50 and 100 lengths and with single & multiple outlet molded ends. Polar/Solar® products provide outstanding oil and chemical resistance that other extension cords cannot. The 600 volt version meets OSHA hard usage requirements.

Yellow Jacket® brand extension cords, constructed with a superior, proprietary PVC compound, also provide rugged jobsite and factory performance and good flexibility at all temperatures. Yellow Jacket power cords feature an exclusive, high-gloss yellow finish.

In addition to the Polar/Solar® and Yellow Jacket® lines, CCI’s extension cord offering includes a complete listing of standard PVC extension cords. These items are available in multiple gauges, lengths, and constructions.

We also provide a host of adapters, accessories, and cord management products. By choosing Coleman Cable, you have access to all the things necessary to service your cords, connect your cords, and store and transport your cords. We have thought of just about everything you need on your jobsite or in your plant to manage your extension cords.

Looking for something special? Color, connector, cord length or configuration? Yes, we make that too. We can make custom cords in just about any configuration you can think of. Let us know what you are looking for and we will provide you a proposal for your unique situation. We have included a custom cable section. Contact our inside sales team to help configure your custom cord.

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Polar/Solar® Cords

Standard and Extra Hard Service

EXTENSION CORDS



01688

Polar/Solar® Standard Cords

T*Prene® Insulated Cord with Power Indicator Light.

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
01287	16/3	SJEOW	Yellow	25	Sleeve	13A	12	19	.64
01288	16/3	SJEOW	Yellow	50	Sleeve	13A	12	38	1.41
01289	16/3	SJEOW	Yellow	100	Sleeve	10A	6	35	1.57
01487	14/3	SJEOW	Yellow	25	Sleeve	15A	12	27	1.14
01488	14/3	SJEOW	Yellow	50	Sleeve	15A	6	26	1.14
01489	14/3	SJEOW	Yellow	100	Sleeve	13A	6	49	1.14
01687	12/3	SJEOW	Yellow	25	Sleeve	15A	12	39	1.57
01688	12/3	SJEOW	Yellow	50	Sleeve	15A	6	38	1.41
01689	12/3	SJEOW	Yellow	100	Box	15A	4	48	2.02
01788*	10/3	SJEOW	Yellow	50	Box	15A*	4	42	2.02
01789*	10/3	SJEOW	Yellow	100	Box	15A*	3	63	1.25

*Not CSA Listed



01769

Extra Hard Service Cords

T*Prene® Insulation and Power Indicator Light - 600 Volt Rated.

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
01567	14/3	SEOW	Yellow	25	Sleeve	15A	6	24	1.41
01568	14/3	SEOW	Yellow	50	Box	15A	4	32	2.02
01569	14/3	SEOW	Yellow	100	Box	13A	3	46	1.25
01767	12/3	SEOW	Yellow	25	Sleeve	15A	6	31	1.41
01768	12/3	SEOW	Yellow	50	Box	15A	4	39	1.87
01769	12/3	SEOW	Yellow	100	Box	15A	3	57	1.25



Polar/Solar® Power Blocks

Three-Way and Four-Way

Tri-Source® Three-Way Power Blocks

T*Prene® Insulation and Power Indicator Light with Power Block.
Comes with covers for when outlets are not in use.

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
03482	12/3	SEOW	Yellow	2	Sleeve	15A	12	10	.64
03487	12/3	SJEOW	Yellow	25	Sleeve	15A	12	42	1.41
03488	12/3	SJEOW	Yellow	50	Sleeve	15A	6	39	1.41
03489	12/3	SJEOW	Yellow	100	Box	15A	4	49	2.02
03588*	10/3	SJEOW	Yellow	50	Box	15A*	4	43	2.02
03589*	10/3	SJEOW	Yellow	100	Box	15A*	3	62	1.25



03488

Cap and Connector rated 15A
*Not CSA Listed



Quadnector® Four-Way Power Blocks

T*Prene® Insulated and Lighted End.
Designed with a handy eyelet for easy hanging and storage. For indoor use only.

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	Master Pack	Master Wt	Master Pack Cube
Polar/Solar® Plus								
04422	12/3	SJEOW	Yellow	6	Sleeve	6	9	.64
04427	12/3	SJEOW	Yellow	25	Sleeve	6	24	1.14
04428	12/3	SJEOW	Yellow	50	Box	4	30	2.02
04429	12/3	SJEOW	Yellow	100	Box	4	53	2.02
Polar/Solar® Plus – 600 Volt Rated								
04522	12/3	SEOW	Yellow	6	Sleeve	6	11	.64



04427



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Polar/Solar® Coiled Cords

Tangle-free, Self-Coiling

EXTENSION CORDS



01220

Coiled Extension Cords

COILEX® extension cords offer coiled flexibility with Polar/Solar® cord toughness. Molded right angle plug helps prevent accidental disconnection.

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
01220*	16/3	SJEOW	Black	1-5	Sleeve	13A	6	5	.59
01226	16/3	SJEOW	Black	4-20	Sleeve	13A	12	29	1.14

*Includes belt-clip attachment



09809

Coiled Retractable Cords

Conveniently coiled to extend or retract with ease. The cords listed below do not include molded ends. Contact factory for minimum quantities on variations in size, length, and plug configurations.

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
09809	18/2	SJEOW	Black	4-20	Box	-	10	14	1.14
09810	18/3	SJEOW	Black	4-20	Box	-	12	21	1.41
09811	18/4	SJEOW	Black	4-20	Box	-	10	19	1.14
09812	16/2	SJEOW	Black	4-20	Box	-	10	17	1.14
09813	16/3	SJEOW	Black	4-20	Box	-	10	21	1.14
09814	16/4	SJEOW	Black	4-20	Box	-	10	25	1.41
Polar/Solar® Plus – 600 Volt Rated									
09815	14/3	SEOW	Black	4-20	Box	-	5	29	1.41
09816	12/3	SEOW	Black	4-20	Box	-	5	37	1.41



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Yellow Jacket®

Outdoor Extension Cords

Outdoor Extension Cords

Exclusive Yellow Jacket® compound is more flexible and abrasion resistant at any temperature than standard vinyl compounds. Yellow Jacket® extension cords feature a power indicator light in the female receptacle to show that the power is on.

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
2886	14/3	SJTW	Yellow	25	Sleeve	15A	12	29	0.82
2887	14/3	SJTW	Yellow	50	Sleeve	15A	6	29	0.93
2888	14/3	SJTW	Yellow	100	Sleeve	13A	3	26	0.79
2883	12/3	SJTW	Yellow	25	Sleeve	15A	6	23	0.64
2884	12/3	SJTW	Yellow	50	Sleeve	15A	4	31	0.75
2885	12/3	SJTW	Yellow	100	Box	15A	2	27	0.79
2805	10/3	SJTW	Yellow	50	Box	15A*	2	21	1.02
2806	10/3	SJTW	Yellow	100	Box	15A*	2	42	2.35
Yellow Jacket® Power Blocks									
2882	12/3	STW	Yellow	2	Sleeve	15A	10	11	0.48
2827	12/3	SJTW	Yellow	50	Box	15A	4	27	0.79
2820	12/3	SJTW	Yellow	100	Box	15A	2	26	1.02

*Cap & connector rated 15A

Made to meet
OSHA
Specifications



2886

EXTENSION CORDS

Part Number	Joules	Color	Length (Ft)	Package Type	Master Pack	Master Wt	Master Pack Cube
6 Outlet Metal Yellow Jacket® Surge Protector							
5138	1050	Yellow/Black	15	Box	4	11.00	0.51
6 Outlet Metal Yellow Jacket® Power Strip							
5139	—	Yellow/Black	6	Box	4	6.80	0.49



5139



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Vinyl Outdoor Cords

Molded, Water Resistant

EXTENSION CORDS



02307



02408



02589

Outdoor Extension Cords

Vinyl jacket resists moisture, abrasion, and prolonged exposure to sunlight. Reinforced blades help prevent accidental bending or breaking and a heavy-duty strain relief protects electrical connections resulting in longer cord life.

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
Three Conductor									
02304	16/3	SJTW	Orange	10	Sleeve	13A	24	18	.75
02211	16/3	SJOW	Black	10	Sleeve	13A	24	19	.79
02305	16/3	SJTW	Orange	15	Sleeve	13A	18	24	.76
02306	16/3	SJTW	Black	15	Sleeve	13A	18	24	.75
02307	16/3	SJTW	Orange	25	Sleeve	13A	12	25	.76
02308	16/3	SJTW	Orange	50	Sleeve	13A	12	46	1.16
02309	16/3	SJTW	Orange	100	Sleeve	10A	6	45	1.19
02407	14/3	SJTW	Red	25	Sleeve	15A	12	35	.90
02408	14/3	SJTW	Red	50	Sleeve	15A	6	29	.82
02409	14/3	SJTW	Red	100	Sleeve	13A	6	60	1.41
Three Conductor – Lighted End									
02587	12/3	SJTW	Yellow	25	Sleeve	15A	12	40	1.21
02588~	12/3	SJTW	Yellow	50	Sleeve	15A	6	40	1.41
02589~	12/3	SJTW	Yellow	100	Sleeve	15A	4	52	1.41
02687~	10/3	SJTW	Yellow	25	Sleeve	15A**	6	36	1.14
02688~	10/3	SJTW	Yellow	50	Box	15A**	4	48	1.00
02689~	10/3	SJTW	Yellow	100	Box	15A**	3	70	1.25
Three Conductor Large Cap and Conductor – 600 Volt Rated									
02457~	14/3	STW	Orange	25	Sleeve	15A	6	26	1.41
02458~	14/3	STW	Orange	50	Box	15A	4	34	2.02
02459~	14/3	STW	Orange	100	Box	13A	3	50	1.25
02557~	12/3	STW	Orange	25	Sleeve	15A	6	34	2.38
02558~	12/3	STW	Orange	50	Box	15A	4	45	2.02
02559~	12/3	STW	Orange	100	Box	15A	3	65	1.25

** Plug and receptacle rated 15A
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Multi-Outlet Indoor & Outdoor Extension Cords

Three- and Four-Way Power Blocks & Heavy-Duty

Multi-Outlet Indoor & Outdoor Extension Cords

Innovative block provides additional outlets for power distribution. Vinyl jacket resists moisture, abrasion, and prolonged exposure to sunlight. Reinforced blades help prevent accidental bending or breaking and a heavy-duty strain relief protects electrical connections resulting in longer cord life. The heavy-duty multi-outlet outdoor extension cords have 3 lighted outlets spaced evenly along the length of the cord, making them perfect for landscaping, workshop and holiday decorating applications. The heavy-duty STW cord jacket is super flexible and durable, and outlet covers help keep water and dust out.

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
Tri-Source® Three-Way Power Block									
04004	14/3	SJTW	Orange	6	Sleeve	15A	18	19	.77
04217	14/3	SJTW	Red	25	Sleeve	15A	12	33	.94
04218	14/3	SJTW	Red	50	Sleeve	15A	6	30	.85
04219	14/3	SJTW	Red	100	Sleeve	13A	6	55	1.43
04112	12/3	STW	Yellow	2	Sleeve	15A	12	11	.40
Tri-Source® Three-Way Power Block with Lighted End									
04187	12/3	SJTW	Yellow	25	Sleeve	15A	12	45	1.34
04188	12/3	SJTW	Yellow	50	Sleeve	15A	6	42	1.14
04189	12/3	SJTW	Yellow	100	Sleeve	15A	4	53	1.28
04388	10/3	SJTW	Yellow	50	Box	15A	4	48	1.98
04389	10/3	SJTW	Yellow	100	Box	15A	3	72	1.98
Quadnector® Four-Way Power Block									
04102*~	12/3	SJTW	Orange	6	Sleeve	15A	6	9	.64
04107*~	12/3	SJTW	Orange	25	Sleeve	15A	6	25	1.14
04108*~	12/3	SJTW	Orange	50	Box	15A	4	32	2.02
04109*~	12/3	SJTW	Orange	100	Box	15A	4	56	2.02
Quadnector® Four-Way Power Block - 600 Volt Rated									
04207*~	12/3	STW	Orange	25	Sleeve	15A	6	36	2.36
04208*~	12/3	STW	Orange	50	Box	15A	4	47	2.02
04209*~	12/3	STW	Orange	100	Box	15A	3	67	1.25
Cord Runner® Heavy-Duty Multi-Outlet Outdoor Extension Cords									
09001-02	14/3	STW	Yellow	25	Sleeve	15A	4	20	.78
09002-02	14/3	STW	Yellow	6	Sleeve	15A	6	8	.65
09003-02	12/3	STW	Yellow	50	Box	15A	4	45	2.37

*Rated for Indoor Use Only
~Made in U.S.A.

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Specifications



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04004



04187



09001-02

Red, White & Blue & Stripes™ Extension Cords

Unique Brightly Colored Outdoor Cords

EXTENSION CORDS



02549-USA1

Red, White & Blue Extension Cords

Display America's colors on the jobsite with the rugged Red, White and Blue contractor grade extension cord, dedicated to the American Contractor. Highly visible red cord, with two extruded white stripes and blue stenciled stripe the length of cord with "MADE IN THE USA by CCI**PROUD TO BE AMERICAN." Pro-Power contractor grade extension cords all have molded water resistant connectors with reinforced blades that make them suitable for all weather outdoor use. The lighted female ends let you know that there is power ready and available.

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
02548-USA1	12/3	SJTW	Red, White & Blue	50	Sleeve	15A	8	53	1.41
02549-USA1	12/3	SJTW	Red, White & Blue	100	Sleeve	15A	4	52	1.41



Stripes™ Outdoor Extension Cords

Increase safety awareness and help to prevent jobsite loss or theft with STRIPES™ outdoor extension cords. Each extension cord features a dominant color and an extruded colored stripe that runs the length of the cord. All STRIPES™ extension cords have a power indicator light in the receptacle to show that the power is on.

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
02548-00-XX	12/3	SJTW	See Color	50	Sleeve	15A	8	53	1.41
02549-00-XX	12/3	SJTW	Combinations	100	Sleeve	15A	4	52	1.41
02648-00-XX	10/3	SJTW	Below*	50	Disk	15A	4	46	1.41
02649-00-XX	10/3	SJTW		100	Disk	15A	3	68	1.41

12/3: **Color (XX): 54=Lime Green/Red; 22=Yellow Purple; 52=Dark Green/Yellow; 64=Blue/Red; 41=Red/White; 77=Pink/Lime Green; 3V=Orange/Blue
 10/3: 54=Lime Green/Red; 64=Blue/Red



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Cool Colors™ & Cold Flex Extension Cords

Anti-Theft & High Performance in Extreme Temperatures

Cool Colors™ Outdoor Extension Cords

Contractor Grade SJTW cord features a jacket in a variety of colors for added safety and theft deterrence on the jobsite. Features clear molded plugs with power indicator light in the female receptacle. Added features include heavy duty strain relief and reinforced blades and ground pin.

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
02577-00-XX	12/3	SJTW	See	25	Sleeve	15A	12	40	1.41
02578-00-XX	12/3	SJTW	Colors	50	Sleeve	15A	8	53	1.41
02579-00-XX	12/3	SJTW	Below*	100	Sleeve	15A	4	52	1.41

*Color (XX): OA= Pink; OH=Blue; OX=Green



02578-88-OH

Cold Flex Extension Cords

Bright blue cords with jackets that resist deterioration from moisture, abrasion and extended exposure to sunlight. Cold Flex extension cords are designed for use in cold environments and stay flexible to -50°C. Features clear molded plugs with a power indicator light in the female connector to show that the power is on.

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
2627	14/3	SJTW	Blue	25	Sleeve	15A	6	23	0.53
2628	14/3	SJTW	Blue	50	Sleeve	15A	6	40	0.93
2629	14/3	SJTW	Blue	100	Sleeve	13A	3	29	1.3
2437	12/3	SJTW	Blue	25	Sleeve	15A	12	39	1.49
2438	12/3	SJTW	Blue	50	Sleeve	15A	6	42	1.45
2439	12/3	SJTW	Blue	100	Sleeve	15A	3	39	0.89



2628

EXTENSION CORDS



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Supreme Green™

Ultra-Flexible Rubber Cord

EXTENSION CORDS



4301



4305



4306

Supreme Green™ Outdoor Extension Cords

Supreme Green™ Cords remain flexible in very cold temperatures, allowing for maximum maneuverability. Bright green color provides high visibility and adds to safety on the jobsite.

Part Number	Wire GA/Cond	Wire Type	Length	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
4301	14/3	SJE0W	25ft	Sleeve	15A	12	25.116	1.08
4302	14/3	SJE0W	50ft	Sleeve	15A	6	23.91	1.08
4303	14/3	SJE0W	100ft	Sleeve	13A	3	23.3	0.89
4304	12/3	SJE0W	25ft	Sleeve	15A	6	17.91	1.08
4305	12/3	SJE0W	50ft	Box	15A	4	22.92	1.53
4306	12/3	SJE0W	100ft	Box	13A	2	22.6	1.08



Locking Extension Cords

Standard and Twist-To-Lock

Locking Extension Cords

New Locking Extension Cords keep tools locked into power, eliminating the frustration and hassle of tools coming unplugged. These cords provide a positive lock and can be disengaged only by choice.

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
02438	14/3	SJTW	Yellow with Blue Stripe	50	Sleeve	15A	4	23	0.54
02439	14/3	SJTW	Yellow with Blue Stripe	100	Sleeve	13A	3	32	0.84
02538	12/3	SJTW	Yellow with Black Stripe	50	Sleeve	15A	4	31	0.69



02438

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Twist-To-Lock Extension Cords

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
SJTW Extension Cords (NEMA L5-20P to NEMA L5-20R)									
09208	12/3	SJTW	Yellow	50	Box	20A	6	41	1.94
09209	12/3	SJTW	Yellow	100	Box	15A	4	52	1.77
09058	10/3	SJTOW	Yellow	50	Disc	20A	2	22	1.66
09059	10/3	SJTOW	Yellow	100	Disc	20A	2	45	2.33
STW Extension Cords (NEMA L5-20P to NEMA L5-20R) - 600 Volt Rated									
09028	12/3	STW	Yellow	50	Box	20A	4	40	1.93
09029	12/3	STW	Yellow	100	Box	15A	3	60	2.6



09058/09059

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Custom Cords

Equipment Identity & Theft Protection

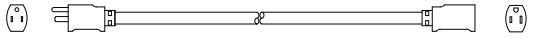
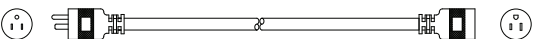
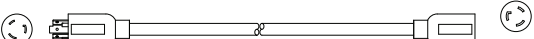
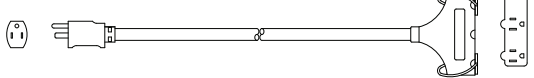
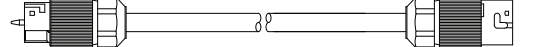
- FEATURES:**
- Heavy-Duty Strain Relief
 - Molded Connectors
 - Reinforced Blades & Pins
- BENEFITS:**
- Best Delivery in the Industry – CCI manufactures all custom cords in Illinois, USA. Domestic Production means faster turnaround.
 - Safety – Create your own highly visible colors to help prevent the cord from being accidentally severed and to reduce tripping hazards.
 - Loss (Theft) Protection – Custom Cords help prevent inadvertent (or intentional) removal of cords from the job-site.
 - Advertising Tool – Make your cords an advertising tool with the use of custom colors and legends.
- OPTIONS:**
- Polar/Solar® Jacket Materials (SJEOW/SEOW)
CCI's Polar/Solar extension cords are lightweight, extremely abrasion resistant and very flexible at all temperatures down to -67° F.
 - Vinyl Jacket Materials (SJTW/STW).
 - 14-10 Gauge Cord and 6/3 & 8/1 Temp Power Cords. 10,000' minimum run quantity per gauge.
 - Custom Colors.
Choose from one of Coleman Cable's custom colors or we can customize a color to meet your needs.
 - Custom Extruded Striping
Pick a unique cord color and stripe color combination. The stripe will not wear off over time like a painted stripe. Numerous stock colors mean that you can choose from hundreds of different STRIPES™ cord combinations. (Additional charges apply.)
 - Multiple Outlet Options.
NEMA 5-15, NEMA L5-20, Tri-Source™, California-Style 50A, etc.
 - Custom Legend
Your custom legend can be ink printed on the jacket in black or white ink, or it can be indented into the jacket (no color). The legend repeats every 12"-18" down the entire length of the cords.
 - UL & CSA approval (excluding 6/3 & 8/1 cords).



Custom Cords

Equipment Identity & Theft Protection

Cord Set Types

NEMA 5-15		Most Applications
NEMA 5-15		10/3 or 600V
NEMA L5-20		20A Twist Lock
NEMA 5-15		Tri-Source®
CAL-STYLE 50A		6/3 & 8/1 only

Available Cord Colors

The following color chart is FOR REFERENCE ONLY.
Colors shown MAY NOT BE AN EXACT MATCH to the final cord color.



Replacement Plugs & Connectors

Heavy-Duty, Construction Grade

EXTENSION CORDS

Replacement Plugs & Connectors

All jobsites require rugged, safe replacement wiring devices when the need arises. Safety issues lead to a heavier-duty design able to withstand harsh job-site conditions. Construction-Grade devices have tough, vinyl or nylon housing with many built-in features for speed, safety and assembly convenience. 15A, 20A, 30A and 50A models address a wide range of customer needs, including locking 20A-50A applications. Industrial-Grade 15A devices have high visibility yellow housings designed for extended life for harsh, abusive IP20 and IP55 applications. Watertight-Grade 15A devices all have high visibility yellow housings designed for IP20 and IP55 applications where water is prevalent.



Part Number	Description	Duty	Master Pack	Master Wt	
NEMA 5-15 15A 125V Straight Blade					
05984	15A/125v NEMA 5-15 Yellow Vinyl Male-Plug	Construction	20	1	Ⓜ
05985	15A/125v NEMA 5-15 Yellow Vinyl Female Connector	Construction	20	1	
05990	15A/125v NEMA 5-15 Yellow Rubber 1447 Male Plug	Industrial	10	1.5	
05991	15A/125v NEMA 5-15 Yellow Rubber 1547 Female Connector	Industrial	10	2	
05992	15A/125v NEMA 5-15 Yellow Watertight 14W47 Male Plug	Watertight	10	2	
05993	15A/125v NEMA 5-15 Yellow Watertight 15W47 Female Connector	Watertight	10	3.5	
NEMA L5-20 20A 125v Locking					
05986	20A/125v NEMA L5-20P Locking Nylon Male Plug	Construction	10	2.5	Ⓜ
05987	20A/125v NEMA L5-20C Locking Nylon Female Connector	Construction	10	3	
NEMA L5-30 30A 125v Locking					
05962	30A/250v NEMA L5-30 Locking Nylon Male Plug	Construction	10	2.5	Ⓜ
05963	30A/250v NEMA L5-30 Locking Nylon Female Connector	Construction	10	3	
NEMA L6-30 30A 250v Locking					
05964	30A/250v NEMA L6-30 Locking Nylon Male Plug	Construction	10	2.5	Ⓜ
05965	30A/250v NEMA L6-30 Locking Nylon Female Connector	Construction	10	2.5	
50A 125/250v Locking					
05974	50A/125/250v Locking Male Plug	Construction	4	5	Ⓜ
05975	50A/125/250v Locking Female Connector	Construction	4	4.2	
05958	50A/125/250v Hubbell Locking Male Plug	Construction	4	5	
05959	50A/125/250v Hubbell Locking Female Connector	Construction	4	4.2	



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Adapters

Multi-Outlet, "Y" & "W" Configurations

Adapters

Part Number	Color	Package Type	Master Pack	Master Wt	Master Pack Cube
3 to 1 Adapter					
09901	Gray	Bulk	100	8	.15
3-Way Adapter – Solid Molded PVC					
09902	Beige	Blister	18	7	.42
09905	Green	Blister	18	7	.42
09906	Orange	Bulk/Blister	24/18	9/7	.21/.42
5-Way Adapter					
997362	Yellow	Bulk	5	3.5	.23

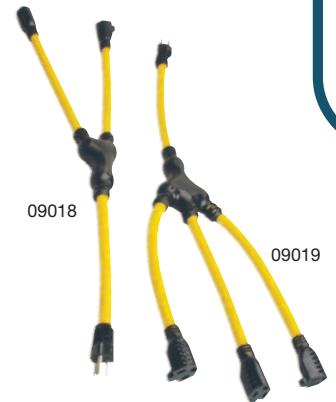


09906



Vinyl "Y" and "W" Adapters

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
15A "Y" Adapter									
09018	12/3	STW	Yellow	2	Sleeve	15A	12	20	1.96
15A "W" Adapter									
09019	12/3	STW	Yellow	2	Sleeve	15A	12	25	1.09



09018

09019

Made to meet
OSHA
Specifications

EXTENSION CORDS

Adapters

Twist-To-Lock



Twist-To-Lock Adapters

Part Number	Wire GA/Cond	Wire Type	Color	Length In Ft	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
Adapters									
Standard 15A U-Ground (NEMA 5-15P) Twist-To-Lock 20A receptacle (NEMA L5-20R)									
09020	12/3	STW	Yellow	9 inches	Sleeve	-	15	5	.29
Twist-To-Lock 20A plug (NEMA L5-20P) to Standard 15A U Ground Connector (NEMA 5-15R)									
09021	12/3	STW	Yellow	9 inches	Sleeve	-	15	6	.24
"Y" Adapter									
Twist-To-Lock 20A plug (NEMA L5-20P) two Twist-To-Lock 20A receptacle (NEMA L5-20R)									
09022	12/3	STW	Yellow	20 inches	Sleeve	20A	10	14	1.07
"W" Adapter									
Twist-To-Lock 20A plug (NEMA L5-20P) three Twist-To-Lock 20A receptacle (NEMA L5-20R)									
09023	12/3	STW	Yellow	20 inches	Sleeve	20A	10	16	1.04
Tri-Source Adapter									
Twist-To-Lock 20A plug (NEMA L5-20P) Standard 15A Ground Tri-Source receptacle (NEMA 5-15R)									
09084	12/3	STW	Yellow	24 inches	Sleeve	20A	6	15	.54



Cord Management

Wraps, Wheels, Totes

Cord Management

Cord management means cords are stored, protected and ready to use on the next job.

Part Number	Type	Color	Max Quantity	Master Pack	Master Wt	Master Pack Cube
Cord Locks, Straps, Wraps						
E105	Cord Lock	Orange	NA	12	1.20	.08
22802	Carry Strap	Black	150ft	6	.72	.10
E101	Storage Wrap	Orange	150ft	24	8.8	1.25
2803	Caddy Wrap	Black	100ft	12	3.12	.42
Cord Storage Wheels						
E102	13" Wheel	Red/Black	150ft	8	9.20	2.04
82870	Snap Together Wheel	Black	150ft	8	9.84	1.59
E103	Cord Reel w/ Plastic Stand	Red/Black	150ft	4	6	3.57
22849	Cord Reel w/ Metal Stand	Black	100ft	6	13.8	2.78
Cord Totes						
E140	Professional Handy Carry Wire Tote	Yellow	NA	6	25.20	5.21
E260	Professional Portable Wire Tote Cart	Yellow	NA	2	41.4	5.17



E105



E101



E102



E103



E140



E260



E140 w/cord



E260 w/cord

EXTENSION CORDS

Notes

EXTENSION CORDS

Construction sites, industrial plants, and other rugged environments will commonly require temporary power during construction, shutdowns and maintenance projects. Bringing power from the grid or from generators can be a tricky business. Connector styles, ampacity estimates, and the varieties of tools and equipment with inconsistent power demands are a challenging set of variables for anyone setting up a jobsite.

Coleman Cable offers a broad selection of portable extension cords, temporary power products, and accessories suitable for most commercial, OEM, and industrial worksites. These products are designed to get power where you need it. From generator to power tool, source to load, we have the right product for you.

The exclusive X-Treme Box™ has been the standard for worksite power distribution hubs. With ground fault protection, standard generator input connections and feed-through capability, no job should be without the power of the X-Treme Box™. If your power requirements are not that demanding, we now offer the Mini X-Treme Box™. It features fewer outlets and less power, but the same level of performance and safety you expect.

Power distribution is not as simple as plugging in an extension cord. Specialty cords, adapters and splitters are necessary to bring power to all corners of a worksite. Coleman Cable offers a variety of specialty cords, not just a complete complement for jobsite power distribution, but for disaster recovery and high power temporary applications, such as welding. We also offer replacement plugs and connectors for your power distribution system maintenance and repair.

CCI — Connect with the Best.

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X-Treme Box™

Portable Power Distribution Center

TEMPORARY POWER



01960



01962

X-Treme Box™

The X-Treme Box™ is a portable, flexible, rugged and reliable power distribution center for all jobsite conditions. It is an economical solution for electrical hook up on any worksite. For expandability, run up to four boxes at 400ft. in series before significant voltage drop occurs. A heavy-gauge carbon-steel case with corrosion resistant finish and a steel-reinforced sled base offer excellent durability. All boxes feature seven overload protected outlets, with GFCI, open neutral and over-voltage protection on all 20A outlets. All are Rainproof NEMA 3R enclosures. New roll cage versions allow for easy stackability.

Applications: Commercial - for Indoor/outdoor construction residential, renovation and demolition. Entertainment for stage, concerts, broadcasting and cinema. Institution - for sports, special events and convention centers.

Compliance: ETL Listed US and Canada.

Part Number	Portable Power Distribution Center	50A Power Inlet	50A Power Outlets	30A Power Outlets	20A Power Outlets	Overload, Over-Voltage & Open-Neutral Protection	Master Pack	Master Wt	Master Pack Cube
01960	Rainproof NEMA 3R	125/250V Twist-to-Lock w/Cover	125/250V Twist-to-Lock w/Cover	250V L6-30R Twist-to-Lock w/Cover	(6)20A 125V L5-20R Twist-to-Locks w/Cover	50A-None 30A Circuit Breaker Protected 20A GFCI & Circuit Breaker Protected	1	34	2.54
01962	<i>Roll Cage Model (Electrical specs are identical to part no. 01960)</i>								
01970	Rainproof NEMA 3R	125/250V Twist-to-Lock w/Cover	125/250V Twist-to-Lock w/Cover	250V L6-30R Twist-to-Lock w/Cover	(6)20A 125V 5-20R Straight w/Cover	50A-None 30A Circuit Breaker Protected 20A GFCI & Circuit Breaker Protected	1	34	2.54
01972	<i>Roll Cage Model (Electrical specs are identical to part no. 01970)</i>								



Mini X-Treme Box™

The Mini X-Treme Box provides more compact and less costly work-site power distribution than our full size models. Used with our restoration adapters, these units are ideal for disaster restoration work where the only available power is from range and dryer outlets or portable generators. Features 8 GFCI, Overload, and Circuit Breaker protected 20 amp straight blade outlets.

Compliance: ETL Listed



01980

Part Number	Portable Power Distribution Center	30A Power Inlet	20A Power Outlets	Master Pack	Master Wt	Master Pack Cube
01980	NEMA Type 1	NEMA L14-30	8 x NEMA 5 20R (4 duplex outlets)	1	11.3	.98



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Power Distribution Cords & Adapters

Extension Cords & Replacement Ends/Adapters

Power Distribution Extension Cords

Rugged temporary power cords for use with the X-Treme Box™ to handle 50A 3-Pole/4-Wire 125/250v AC.



01938

Part Number	50A 3-Pole/4-Wire 125/250V Plugs/Connectors/Adapters	Master Pack	Master Wt	Master Pack Cube
X-Treme Box™ Extension Cords				
01918	50ft SEOW w/ California-Style Twist-Lock Ends	1	27	.75
01919	100ft SEOW w/ California-Style Twist-Lock Ends	1	54	1.3
01938	50ft SEOW w/ Hubbell California-Style Twist-Lock Ends	1	27	.75
01939	100ft SEOW w/ Hubbell California-Style Twist-Lock Ends	1	54	1.3
Appliance Extension Cords				
01854	10ft Dryer Outlet or 30A Straight Generator Outlet	4	15.56	.93
01864	10ft Range Outlet or 50A Straight Generator Outlet	4	15.96	1.51
1493	10/4 STW Yellow Jacket® L14-30P L14-30R 25ft Generator*	2	16.46	1.04

*UL and cUL Listed



TEMPORARY POWER

Replacement Ends/Adapters

Replacement ends constructed with impact & chemical resistant nylon, designed to keep out moisture and dust.



05958

05959



05975

05974

Part Number	50A 3-Pole/4-Wire 125/250V Plugs/Connectors/Adapters	Master Pack	Master Wt	Master Pack Cube
05974*	50A/125/250v Locking Male Plug	4	2	.26
05975*	50A/125/250v Locking Female Connector	4	2	.26
05958*	50A/125/250v Locking Hubbell Male Plug	4	2	.26
05959*	50A/125/250v Locking Hubbell Female Connector	4	2	.26
01920	6/4 SEOW 50A "Y" Adapter	1	4	2.25

*UL and CSA Listed



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Disaster Recovery & Restoration Cords

Temporary Portable Power Cords

TEMPORARY POWER



01824

Disaster Recovery & Restoration Cords

For use in disaster recovery, restoration, renovation or maintenance projects requiring temporary, portable power.

Part Number	Length	Description	Std Pack	Wt	Male End	Female End	Power From
01854~	10ft	10/4 SE00W 14-30P L1430R UL/CSA	4	3.99	14-30P	L14-30R	Dryer Outlet
01824~	10ft	10/4 SE00W 14-30P CA50A UL/CSA	4	4.28	14-30P	CA 50A Twist	
01864~	10ft	10/4 SE00W 14-50P L14-30R UL/CSA	4	3.99	14-50P	L14-30R	Range Outlet 50A generator w/straight blade output
01834~	10ft	6/3 & 8/1 SE0W 14-50P CA50A	4	6.38	14-50P	CA 50A Twist	
1493*	25ft	10/4 STW Yellow Jacket L 14-30P L 14-30R	2	8.24	L14-30P	L14-30R	30A Generator
01844~	10ft	10/4 SE00W L 14-30P CA50A UUCSA	4	4.11	L14-30P	CA 50A Twist	

*Part number 1493 is UL/cUL. Made in the USA.
~Assembled in the USA.

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Specifications

Generator Power Cords & Adapters

Extension Cords & Specialty Plugs

Generator Power Cords

Part Number	Wire GA/Cond	Wire Type	Color	Length In Ft	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
Temporary power cord with three 15 amp receptacles and one male 5-15P plug engineered to work exclusively with generators or other equipment rated to or less than 15 amps.									
01910*	12/3	SJTW	Yellow	25	Card	15A	12	44.5	2.20
Temporary power cord with three 15 amp receptacles and one male NEMA 5-20P plug engineered to work exclusively with generators or other equipment rated to or less than 15 amps.									
01911	10/3	SJTW	Yellow	25	Card	15A	6	36.5	1.41
Temporary power cord with three 15 amp receptacles and one male NEMA L5-30P plug engineered to work exclusively with generators or other equipment rated to or less than 15 amps.									
01912	10/3	SJTW	Yellow	25	Card	15A	6	35.6	1.41



01910

*UL Listed



TEMPORARY POWER

Generator Power Cords and Adapters

Part Number	Description	Length (Ft)	Package Type	Std Pack	Master Wt	Master Pack Cube	NEMA Plug	NEMA Connector
01915	10/3 STOW "Y" L5-30P to (2) Lighted 5-20R	3	Box	4	11	0.777	L5-30P	(2) 5-20R
01924	12/4 STOW "Y" L14-20P to 12/3 (2) Lighted 5-20R	3	Box	4	12	0.777	L14-20P	(2) 5-20R
01934	10/4 STOW "Y" L14-30P to 10/3 (2) Lighted 5-20R	3	Box	4	11	0.777	L14-30P	(2) 5-20R
02618	10/3 SJTOW 5-20P to Lighted 5-20R	50	Disk	2	22	0.848	5-20P	5-20R
02619	10/3 SJTOW 5-20P to Lighted 5-20R	100	Disk	2	45	1.2	5-20P	5-20R



01914



01924



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Welding Extension Cords & Adapters

High Quality, High Performance

TEMPORARY POWER



Welding Cable Assemblies

- Royal/Excelene Welding Cable
- Professionally assembled and tested
- Other lengths, sizes, and connectors available upon request
- Call for minimums and lead times
- Assembled in the USA

Part Number	Description	Length	Std Pk Qty	WT/Ea.
10416-S8-08	2/0-EPR (EPDM)	50ft Coil, w/Tweco Connectors	1	27
10416-S9-08	2/0-EPR (EPDM)	100ft Coil, w/Tweco Connectors	1	52

Welder Extension Cords

- Heavy-duty STW jacket
- Lighted receptacle end indicates when power is on
- Molded ends offer safety and convenience on the jobsite
- 40 Amp, 250 Volts and 10,000 Watts

Part Number	Description	Length	Male End	Female End	Std Pk Qty	WT/Ea.
01940-88-08	8/3 STW Black	1.5 ft.	14-50P	Lighted 6-50R	12	2
01941-88-08	8/3 STW Black	10 ft.	14-50P	Lighted 6-50R	4	6
01917-88-06	8/3 STW Blue	25 ft.	6-50P	Lighted 6-50R	2	11
01922-88-06	8/3 STW Blue	50 ft.	6-50P	Lighted 6-50R	1	22

Welding Extension Cords & Adapters

Made in the USA

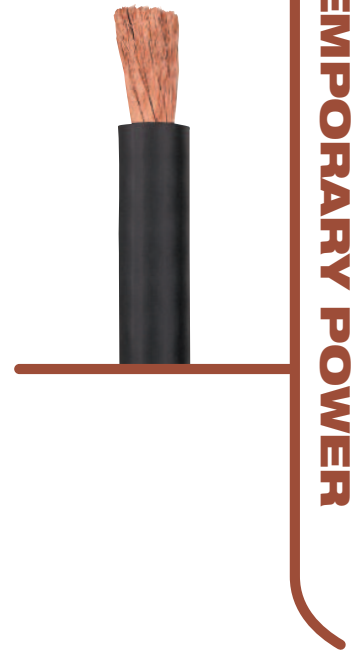
Royal/Excelene® Welding Cable

- Ethylene-Propylene Rubber (EPR)
- -50°C to 105°C
- Resistant to oil, chemicals, water, ozone, and solvents
- Sequential foot-marked
- Red jacket available
- RoHS Compliant
- Made in the USA

RECOMMENDED MINIMUM WELDING CABLE SIZING CHART

Welding Current	Length in Feet For Total Circuit for Secondary Voltages Only (DO NOT Use This Table For 600 Volt In-Line Applications)						
	50	100	150	200	250	300	350
Amps	50	100	150	200	250	300	350
100	4	4	4	2	2	1	1/0
150	4	4	2	1	1/0	2/0	3/0
200	2	2	1	1/0	2/0	3/0	4/0
250	2	2	1/0	2/0	3/0	4/0	
300	1	1	2/0	3/0	4/0		
350	1/0	1/0	3/0	4/0			
400	2/0	2/0	3/0				
500	3/0	4/0	4/0				
600	4/0	4/0					

- Ampacities are based on 105°C conductor temperature, 40°C ambient air / 50% duty cycle and approximate voltage drop of 4V @ 25°C conductor temperature or 5VB @ 105°C conductor temperature.



Part #	Description	Stranding	Nom. Jacket Thickness	Nom OD	WT/M
10411	6-EPR (EPDM)	266	0.065	0.305	116
10412	4-EPR (EPDM)	392	0.064	0.340	159
10413	2-EPR (EPDM)	644	0.065	0.420	254
10414	1-EPR (EPDM)	784	0.084	0.490	323
10415	1/0-EPR (EPDM)	1026	0.082	0.525	395
10416	2/0-EPR (EPDM)	1254	0.085	0.570	473
10417	3/0-EPR (EPDM)	1615	0.084	0.635	598
10418	4/0-EPR (EPDM)	2052	0.084	0.695	749
F25001*	250 MCM-EPR (EPDM)	2451	0.148	0.875	1060
F35003*	350 MCM-EPR (EPDM)	3458	0.125	0.960	1393
F50001*	500 MCM-EPR (EPDM)	4921	0.160	1.150	1890

*Minimums and lead times may apply.
Custom sizes and configurations available upon request.



For information on our bulk wire products, see pages 105-107 of the Capabilities section in this catalog.



ROYAL® ExCELENE®

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Notes

TEMPORARY POWER

Coleman Cable, along with its subsidiary Technology Research Corporation (TRC), has an extensive line of electrical safety products that ensure protection from dangerous current leakage that can cause electrical shock and possible electrocution. Our patented technologies enable you to protect people, property and equipment.

Coleman Cable's Shock Shield® products are every day electrical safety devices for use at home, the office, on construction sites or wherever people use portable electrical equipment. These devices are required to be used throughout the USA in accordance with the following nationally accepted regulations:

- NEC (2008) Article 590.6 Temporary Installations
- OSHA Standard for General Industry, 29 CFR, 1910 Subpart S
- OSHA Standard for Construction Industry, 29 CFR, 1926.404(b)
- UL 943

Shock Shield® products also meet Canadian Standard CSA CAN/CSA-C22.2 No. 144.1-06.

Need protection at higher voltage and higher current? Coleman Cable's HD-PRO™ series provides heavy duty ground fault protection for high current, rugged environments. The HD-PRO series of electrical protection products have been designed with TRC's patented GFCI/ELCI technology and are available with ratings from 120V/30A single phase up to 600V/100A three phase and engineered to trip within 25 milliseconds, after ground fault detection, at trip levels that range from 6mA to 50mA. The HD-PRO Series employs contactors that are fully rated for motor switching demands and designed to protect expensive, high current, high voltage equipment at the point of use while offering substantial shock protection for individuals as well.

Unprotected cables are at risk for damage from vehicles and pedestrian traffic. They also pose a tripping and entanglement hazard for personnel. All can result in costly repairs and downtime. Coleman Cable's cable management system, Yellow Jacket®, provides a variety of cable protection solutions to meet your specific needs from light weight loads to heavy loads up to 21,000 pounds. These solutions support all of your on the ground requirements.

Based on data from the National Fire Protection Association, electrical failures were factors in over 13% of home fires in 2009 in the US. The special braided shield on Coleman Cable's Fire Shield® products allows the plug-mounted electronics to continuously monitor for insulation breakdown or broken/frayed conductors. Standard electrical cords have no means of monitoring for leakage currents and cannot shut off power before these currents can arc and start a fire. Fire Shield® technology is available on extension cords and a variety of surge strips. Protect your family and equipment from the damaging effects of power surges and spikes.

Coleman Cable — Power with the best!

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Portable GFCI — Right Angle

Ground Fault Circuit Interrupters

SAFETY PRODUCTS



14880 228-6



14880 024-3



14880 013-3

Right Angle Tri-Source GFCI Cordsets

Right angle models offer a variety of receptacles and cord lengths that are perfect where space is at a premium. All models are Manual Reset GFCIs.

Part Number	Length (Ft)	Description	AMP/Volt/Watt/Rating	Relay Capacity	Master Pack	Master Wt	Master Pack Cube
14880 228-6 CCI 02837	25'	12/3 SJE0W Tri-Source®	15A 120V/1800W	15A	6	25	1.13
14880 229-6 CCI 02838	50'	12/3 SJE0W Tri-Source®	15A 120V/1800W	15A	6	43	1.41
14880 230-4 CCI 02839	100'	12/3 SJE0W Tri-Source®	15A 120V/1800W	15A	4	52	1.41



Right Angle GFCI Cord Sets

4-6mA trip, mechanical indicator, outdoor rated. Custom cord sets available upon request – consult factory.

Part Number	Reset Type	Cord Length & Type	Gauge	Plug/ Receptacle	Volts/Amps	Color	Weight
14880 001-6	Manual	9" SJTW-A	14/3 AWG	NEMA 5-15 P & R	120V/15A	Yellow	0.40
14880 024-3	Manual	6' SJTW-A	14/3 AWG	NEMA 5-15 P & R	120V/15A	Yellow	1.0
14880 074-2	Manual	25' SJTW-A	14/3 AWG	NEMA 5-15 P & R	120V/15A	Yellow	2.80
14880 122-1	Manual	50' SJTW-A	14/3 AWG	NEMA 5-15 P & R	120V/15A	Yellow	4.5
14880 012-6	Manual	9" SJTW-A	12/3 AWG	NEMA 5-15 P & R	120V/15A	Yellow	0.60
14880 013-3	Manual	6' SJTW-A	12/3 AWG	NEMA 5-15 P & R	120V/15A	Yellow	1.27
14880 018-3	Manual	25' SJTW-A	12/3 AWG	NEMA 5-15 P & R	120V/15A	Yellow	3.80
14880 029-1	Manual	50' SJTW-A	12/3 AWG	NEMA 5-15 P & R	120V/15A	Yellow	7.60



Portable GFCI — In-Line

Ground Fault Circuit Interrupters

In-Lines

In-Line models offer a variety of receptacles with 20A and 30A relay units. All models are Manual Reset GFCIs.

Part Number	Length (Ft)	Description	AMP/Volt/ Watt/Rating	Relay Capacity	Master Pack	Master Wt	Master Pack Cube
30040 008-6 CCI 02851	2.5'	12/3 SEOW Tri-Source Extra Heavy-Duty	15A 120V/1800W	30A	6	8	.63
2816	2'	12/3 YELLOW JACKET SJTW Lighted Tri-Source	15A 120V/1800W	15A	6	6	.49
2817	2'	12/3 YELLOW JACKET SJTW Lighted End	15A 120V/1800W	15A	6	6	.92



30040 008-6



In-Line GFCI Cord Sets-15A

4-6mA trip, lighted indicator, outdoor rated. Black P&R, custom cord sets available upon request – consult factory. All models are Manual Reset GFCIs. Inline GFCI is located within 2 ft. of the plug end of each cordset where applicable.

Part Number	Reset Type	Cord Length & Type		Plug/ Receptacle	Volts/Amps	Color	Weight
14/3 AWG							
26020 002-6	Manual	2'	SJTW-A	NEMA 5-15 P & R	120V/15A	Yellow	0.80
26020 121-6	Manual	2'	SJTW-A	NEMA 5-15 P & R Lighted Receptacle	120V/15A	Yellow	0.74
26020 007-3	Manual	6'	SJTW-A	NEMA 5-15 P & R	120V/15A	Yellow	1.20
26020 124-2	Manual	25'	SJTW-A	NEMA 5-15 P & R	120V/15A	Yellow	3.00
26020 050-1	Manual	50'	SJTW-A	NEMA 5-15 P & R	120V/15A	Yellow	5.20
26020 099-1	Manual	100'	SJTW-A	NEMA 5-15 P & R	120V/15A	Yellow	10.00
35400 501-6	Auto	2'	SJTW-A	NEMA 5-15 P & R	120V/15A	Black	0.80
25090 001-6	Manual	2'	SJTW-A	NEMA 6-15 P & R	240V/15A	Yellow	0.74
25090 006-3	Manual	6'	SJTW-A	NEMA 6-15 P & R	240V/15A	Yellow	0.85
25090 025-2	Manual	25'	SJTW-A	NEMA 6-15 P & R	240V/15A	Yellow	2.33
12/3 AWG							
26020 011-6	Manual	2'	SJTW-A	NEMA 5-15 P & R	120V/15A	Yellow	0.80
26020 115-6	Manual	2'	SJTW-A	NEMA 5-15 P & R Lighted Receptacle	120V/15A	Yellow	0.80
26020 016-3	Manual	6'	SJTW-A	NEMA 5-15 P & R	120V/15A	Yellow	1.32
26020 125-2	Manual	25'	SJTW-A	NEMA 5-15 P & R	120V/15A	Yellow	4.31
26020 150-1	Manual	50'	SJTW-A	NEMA 5-15 P & R	120V/15A	Yellow	7.80



26020 007-3



25090 001-6



Portable GFCI – In-Line

Ground Fault Circuit Interrupters

SAFETY PRODUCTS



25080 011-6



26000 011-6



26020 097-6



44700 004-3

In-Line GFCI Cord Sets-20A

4-6mA trip, lighted indicator, outdoor rated. 12/3 AWG, custom cord sets available upon request – consult factory.

Part Number	Reset Type	Cord Length & Type	Plug/ Receptacle	Volts/Amps	Color	Weight
25080 011-6	Manual	2' SJTW-A	NEMA 5-20 P & R	120V/20A	Yellow	0.80
25080 016-3	Manual	6' SJTW-A	NEMA 5-20 P & R	120V/20A	Yellow	1.70
25080 025-2	Manual	25' SJTW-A	NEMA 5-20 P & R	120V/20A	Yellow	4.00
35450 501-6	Auto	2' SJTW-A	NEMA 5-20 P & R	120V/20A	Black	0.80
26000 011-6	Manual	2' SJTW-A	NEMA 6-20 P & R	240V/20A	Yellow	0.80
26000 016-3	Manual	6' SJTW-A	NEMA 6-20 P & R	240V/20A	Yellow	1.30
26000 125-2	Manual	25' SJTW-A	NEMA 6-20 P & R	240V/20A	Yellow	4.31



In-Line GFCI Cord Sets with Molded Locking Connectors

4-6mA trip, lighted indicator, outdoor rated. Custom cord sets available upon request – consult factory.

Part Number	Reset Type	Cord Length & Type	Gauge	Plug/ Receptacle	Volts/Amps	Color	Weight
26020 097-6	Manual	2' SJTW-A	14/3 AWG	NEMA L5-15 P & R	120V-15A	Yellow	1.00
25080 136-6	Manual	2' SJTW-A	12/3 AWG	NEMA L5-20 P & R	120V-20A	Yellow	1.00
25080 137-3	Manual	6' SJTW-A	12/3 AWG	NEMA L5-20 P & R	120V-20A	Yellow	1.60



In-Line GFCI Cord Sets-Heavy Duty

4-6mA trip, locking mechanical plug and receptacle, mechanical indicator, outdoor rated. 10/3 AWG, Black P&R, custom cord sets available upon request – consult factory.

Part Number	Reset Type	Cord Length & Type	Plug/ Receptacle	Volts/Amps	Color	Weight
44700 004-3	Manual	2' SJTW-A	NEMA L5-30 P & R	120V/30A	Yellow	1.40
44700 005-2	Manual	6' SJTW-A	NEMA L5-30 P & R	120V/30A	Yellow	2.40
44700 006-1	Manual	25' SJTW-A	NEMA L5-30 P & R	120V/30A	Yellow	7.70
44720 012-3	Manual	3' SJTW-A	NEMA L6-30 P & R	240V/30A	Yellow	1.25
44720 013-2	Manual	6' SJTW-A	NEMA L6-30 P & R	240V/30A	Yellow	2.40
44720 020-1	Manual	25' SJTW-A	NEMA L6-30 P & R	240V/30A	Yellow	7.70



Portable GFCI – Duplex & Quad Boxes

Ground Fault Circuit Interrupters

Duplex Boxes

High impact resin with a slant-roof design to prevent water entry. Receptacles can accommodate large plugs. All models are Manual Reset GFCIs.

Part Number	Length (Ft)	Description	AMP/Volt/Watt/Rating	Relay Capacity	Master Pack	Master Wt	Master Pack Cube
02822	6'	12/3 SJTW GFCI w test/reset buttons	15A 120V/1800W-UL Listed	20A	6	15	93
02827	25'	14/3 SJEOW GFCI w test/reset buttons	15A 120V/1800W-UL Listed	20A	1	3	26
02828	50'	14/3 SJEOW GFCI w test/reset buttons	15A 120V/1800W-UL Listed	20A	1	5	36



02822



Quad Boxes

High impact resin with a slant-roof design to prevent water entry. Receptacles can accommodate large plugs. All models are Manual Reset GFCIs.

Part Number	Length (Ft)	Description	AMP/Volt/Watt/Rating	Relay Capacity	Master Pack	Master Wt	Master Pack Cube
02816	6'	12/3 SJTW GFCI w handle, test/reset buttons	15A 120V/1800W-UL Listed	25A	2	6	36
02821	6'	12/3 SJTW GFCI w handle, test/reset buttons	20A 120V/1800W-UL Listed	25A	2	6	36



02821



SAFETY PRODUCTS

Portable GFCI – Quad Boxes

Ground Fault Circuit Interrupters

SAFETY PRODUCTS



14880 003-3



Right Angle GFCI Protected Quad Boxes

4-6mA trip, with 15A breaker, mechanical indicator, outdoor rated, marine certified enclosure. 12/3 AWG, custom cord sets available upon request – consult factory.

Part Number	Reset Type	Cord Length & Type		Plug/ Receptacle	Volts/Amps	Color	Weight
14880 402-3	Manual	2'	SJTW-A	NEMA 5-15P & (4) 5-15R	120V/15A	Yellow	1.50
14880 003-3	Manual	6'	SJTW-A	NEMA 5-15P & (4) 5-15R	120V/15A	Yellow	2.20
14880 425-2	Manual	25'	SJTW-A	NEMA 5-15P & (4) 5-15R	120V/15A	Yellow	4.80
14880 450-1	Manual	50'	SJTW-A	NEMA 5-15P & (4) 5-15R	120V/15A	Yellow	10.63
14880 121-1	Manual	99'	SJTW-A	NEMA 5-15P & (4) 5-15R	120V/15A	Yellow	18.26



26020 009-3



In-Line GFCI Protected Quad Boxes

4-6mA trip, With 15A breaker, lighted indicator, outdoor rated, marine certified enclosure. 12/3 AWG, custom cord sets available upon request – consult factory.

Part Number	Reset Type	Cord Length & Type		Plug/ Receptacle	Volts/Amps	Color	Weight
26020 009-3	Manual	6'	SJTW-A	NEMA 5-15P & (4) 5-15R	120V/15A	Yellow	2.40
26020 010-2	Manual	25'	SJTW-A	NEMA 5-15P & (4) 5-15R	120V/15A	Yellow	6.71
26020 004-1	Manual	50'	SJTW-A	NEMA 5-15P & (4) 5-15R	120V/15A	Yellow	10.65
25080 121-6	Manual	2'	SJTW-A	NEMA 5-20P & (4) NEMA 5-20R T-slots	120V/20A	Yellow	3.00
25080 122-3	Manual	6'	SJTW-A	NEMA 5-20P & (4) NEMA 5-20R T-slots	120V/20A	Yellow	2.60
25080 123-2	Manual	25'	SJTW-A	NEMA 5-20P & (4) NEMA 5-20R T-slots	120V/20A	Yellow	5.20



Portable GFCI – User Attachable

Ground Fault Circuit Interrupters

User Attachable In-Line GFCIs

4-6mA trip, lighted indicator, outdoor rated. Accepts cable SJT from 18 to 12 AWG. Available with Yellow or Black case.

Part Number	Reset Type	Volts/Amps	Color	Weight
25000 016-6	Manual	120V/20A 240V/20A Dual Voltage	Yellow	0.60
25230 001-6	Manual	120V/20A	Yellow	0.60



25000 016-6

4-6mA trip, lighted indicator, outdoor rated. Accepts cable ST from 16 to 12 AWG. Large case models available for larger cable.

Part Number	Reset Type	Volts/Amps	Color	Weight
30040 006-6	Manual	120V/20A	Yellow	0.50
30050 003-3	Manual	240V/20A	Yellow	0.38



30040 006-6



User Attachable Right Angle GFCIs

4-6mA trip, mechanical indicator, outdoor rated. Accepts cable SJT from 18 to 12 AWG.

Part Number	Reset Type	Plug/ Receptacle	Volts/Amps	Color	Weight
14880 002-6	Manual	NEMA 5-15P	120V/15A	Yellow	0.33
14880 232-6	Manual	NEMA 5-15P	120V/15A	Black	0.33
35190 001-6	Auto	NEMA 5-15P	120V/15A	Black	0.33
54880 004-6	Manual	NEMA 5-20P	120V/20A	Black	0.33



14880 002-6



Portable ELCI & PRCD

User Attachables

SAFETY PRODUCTS



24230 101-3

User Attachable Right Angle ELCI

Equipment Leakage Circuit Interrupter. 10mA trip, mechanical indicator, indoor rated. Accepts cable SJT from 18 to 12 AWG.



Part Number	Reset Type	Plug/ Receptacle	Volts/Amps	Color	Weight
24230 101-3	Manual	NEMA 5-15P	120V/15A	Black	0.38



25040 101-3

User Attachable In-Line ELCIs

10mA trip (25040 101-3), 30mA trip (26140 010-6) lighted indicator. Accepts cable SJT from 18 to 12 AWG.

Part Number	Reset Type	Plug/ Receptacle	Volts/Amps	Color	Weight
25040 101-3	Manual	Indoor Rated	120V/20A 240V/16A Dual Voltage	Black	0.38
26140 010-6	Manual	Outdoor Rated	120V/20A 240V/20A Dual Voltage	Black	0.38



57010 501-6

User Attachable In-Line PRCDs

Portable Residual Current Device. Lighted indicator, outdoor rated. Accepts cable SJTW-A from 16 to 12 AWG.

Part Number	Reset Type	Trip Level	Volts/Amps	Color	Weight
57010 501-6	Manual	10 mA	230V/16A	Black	0.38
57020 501-6	Manual	30 mA	230V/16A	Black	0.38
57040 501-6	Manual	6 mA	120V/20A	Black	0.38



Portable GFCI – Power Strip & Tri-Cords

Ground Fault Circuit Interrupters

Right Angle GFCI Protected Power Strip

4-6mA trip, with 15A breaker, mechanical indicator and lighted indicator, indoor rated. 14/3 AWG.

Part Number	Reset Type	Cord Length & Type	Plug/ Receptacle	Volts/Amps	Color	Weight
14880 037-3	Manual	3' SJTW-A	NEMA 5-15P	120V/15A	White	1.1



14880 037-3

Right Angle GFCI Protected Tri-Cords

4-6mA trip, mechanical indicator, outdoor rated. 12/3 AWG, Black Tri-tap, custom cord sets available upon request – consult factory.

Part Number	Reset Type	Cord Length & Type	Plug/ Receptacle	Volts/Amps	Color	Weight
14880 023-6	Manual	2' SJTW-A	NEMA 5-15P & (3)5-15R	120V/15A	Yellow	1.20
14880 226-6	Manual	2' SJTW-A	NEMA 5-15P & (3)5-15R Lighted Receptacle	120V/15A	Yellow	1.00
14880 004-6	Manual	6' SJTW-A	NEMA 5-15P & (3)5-15R	120V/15A	Yellow	1.60
14880 118-2	Manual	25' SJTW-A	NEMA 5-15P & (3)5-15R	120V/15A	Yellow	4.40
14880 119-1	Manual	50' SJTW-A	NEMA 5-15P & (3)5-15R	120V/15A	Yellow	8.00
14880 120-1	Manual	99' SJTW-A	NEMA 5-15P & (3)5-15R	120V/15A	Yellow	15.00



14880 004-6



In-Line GFCI Protected Tri-Cords

4-6mA trip, lighted Indicator, outdoor rated. 12/3 AWG, Black P & Tri-tap, custom cord sets available upon request – consult factory.

Part Number	Reset Type	Cord Length & Type	Plug/ Receptacle	Volts/Amps	Color	Weight
26020 008-6	Manual	2' SJTW-A	NEMA 5-15P & (3) 5-15R	120V/15A	Yellow	1.40
26020 146-6	Manual	2' SJTW-A	NEMA 5-15P & (3) 5-15R Light Receptacle	120V/15A	Yellow	1.40
26020 147-2	Manual	25' SJTW-A	NEMA 5-15P & (3) 5-15R	120V/15A	Yellow	4.60
26020 148-1	Manual	50' SJTW-A	NEMA 5-15P & (3) 5-15R	120V/15A	Yellow	8.35



26020 008-6



Portable GFCI – Adapters & Testing Devices

GFCI Adapters, Digital Monitor & GFCI Outlet Tester



14650 013-6



Dual Function GFCI Adapters

314 Joule Surge Protection. 3-wire single outlet, single mode, 314 joules, indoor rated. 4-6mA trip, mechanical indicator. 14650 013-6 has booted buttons.

Part Number	Reset Type	Plug/ Receptacle	Volts/Amps	Color	Weight
14650 006-6	Manual	NEMA 5-15 P & 5-15R	120V/15A	White	0.40
14650 013-6	Manual	NEMA 5-15 P & R	120V/15A	Yellow	0.40

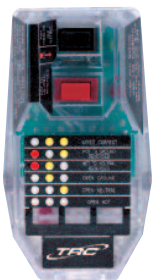


AECM20020

Digital Monitor

Accurate testing and monitoring of all AC power source types. RMS voltage and frequency meter.

Part Number	Size	Display Modes	Volts/Amps	Color	Weight
AECM20020	Approx. 2" x 3"	Volt/Freq Voltage Frequency	85 to 150 Vac RMS	Black	0.50



30090



GFCI Outlet Tester

Power quality monitor and nuisance trip test. For ground fault and standard outlets.

Part Number	Plug/ Receptacle	Volts/Amps	Color	Weight
30090 012-6	NEMA 5-15	120V/15A	Clear	0.50



Portable GFCI — In-Line, Heavy-Duty

Ground Fault Circuit Interrupters

In-Line GFCI Pressure Washer Replacement Cord Set

4-6mA trip, in-line cord set with molded right angle plug, mechanical indicator, outdoor rated. 10/3 AWG, flying leads on load side, Black plug.

Part Number	Reset Type	Cord Length & Type	Plug/ Receptacle	Volts/Amps	Color	Weight
44720 005-1	Manual	36' SJTW-A	NEMA 6-30P	240V/30A	Black	9.13



Portable GFCI — Power Distribution

Ground Fault Circuit Interrupters

X-Treme Box™

The X-Treme Box™ is a portable, flexible, rugged and reliable power distribution center for all jobsite conditions. It is an economical solution for electrical hook up on any worksite. For expandability, run up to four boxes at 400ft. in series before significant voltage drop occurs. A heavy-gauge carbon-steel case with corrosion resistant finish and a steel-reinforced sled base offer excellent durability. All boxes feature seven overload protected outlets, with GFCI, open neutral and over-voltage protection on all 20A outlets. All are Rainproof NEMA 3R enclosures. New roll cage versions allow for easy stackability.

Applications: Commercial - for indoor/outdoor construction residential, renovation and demolition. Entertainment for stage, concerts, broadcasting and cinema. Institution - for sports, special events and convention centers.

Compliance: ETL Listed US and Canada.

Mini X-Treme Box™

The Mini X-Treme Box provides more compact and less costly work-site power distribution than our full size models. Used with our restoration adapters, these units are ideal for disaster restoration work where the only available power is from range and dryer outlets or portable generators. Features 8 GFCI, Overload, and Circuit Breaker protected 20 amp straight blade outlets.

Compliance: ETL Listed

For more information on these products, see page 25 in the Temporary Power section of this catalog.



01962



01980

GFCI & ELCI Panel Mounts

Ground Fault Circuit Interrupters & Equipment Leakage Circuit Interrupters

GFCI Panel Mounts

4-6mA trip, lighted indicator, normally open contacts, indoor rated. 12 AWG, 2' length on line and load.

Part Number	Reset Type	Cord Length & Type		Volts/Amps	Color	Weight
32360 001-3	Auto	2'	65 STR	120V/20A	Black	0.33
33120 001-3	Auto	2'	65 STR	120V/20A	Black	0.33
33240 001-3	Auto	2'	65 STR	240V/20A	Black	0.33



32360 001-3



4-6mA trip, lighted indicator, normally open contacts, indoor rated. No cable supplied. Quick disconnect terminals.

Part Number	Reset Type	Volts/Amps	Color	Weight
41240 001-3	Manual	120V/20A	Black	0.33



33120 001-3



41240 001-3

ELCI Panel Mounts

10mA trip, mechanical indicator, normally open contacts, indoor rated. Accepts .250 female, quick disconnect terminals.

Part Number	Reset Type	Volts/Amps	Color	Weight
24220 100-3	Manual	120V/20A or 240V/16A	Black	0.38



24220 100-3

SAFETY PRODUCTS

HD-PRO™ High-Power GFCI

Introduction to High-Power Ground Fault Circuit Interrupters



Avoiding electrical accidents is key to reducing liability and maximizing productivity.

In the past facilities with high-current/high-voltage equipment, or three-phase systems, employed expensive ground fault breakers at the source of the branch circuit, or went without ground fault protection completely — leaving them open to potential non-compliance of Federal Standard 29CFR1910. TRC used its expertise to develop the world's largest selection of Ground Fault Circuit Interrupters (GFCIs) addressing the government regulation and providing protection to personnel and equipment.



Manufacturing/ Processing Plants

- Food Processing Plants
- Manufacturing Plants
- Petrochemical Plants
- Bottling Plants
- Power Plants
- Water Processing Plants

Entertainment

- Golf Courses
- Amusement Parks/Fairs
- Zoos
- Aquariums



Municipal/ Institutional

- Airports
- Subways
- Train and Bus Stations
- Hotels
- Restaurants
- Convention Centers
- Wastewater Treatment Plants



The Hazards of Ground Faults

- A Ground Fault is a dangerous electrical condition, where current flows unintentionally between a live conductor and ground.
- A Ground Fault is a significant and common hazard in the workplace for people and equipment.
- A Ground Fault can lead to shock and electrocution resulting in serious injuries or death.
- A Ground Fault can damage internal equipment and start fires.

The HD-PRO™ Series by TRC features:

- Portable, flexible and affordable heavy-duty Ground Fault protection.
- Designed to trip within 25 milliseconds after Ground Fault detection.
- Designed for high current, rugged environments.
- Ratings from 120 Volt. / 30 Amp / Single Phase, up to 600 Volt. / 100 Amp / Three Phase.
- The HD-PRO™ 6.10.30 models feature an adjustable trip level selector.
- Offers trip level flexibility — 6, 10, or 30 mA and 10, 30 or 50mA.
- Trip selector key lock feature increases workplace safety.
- Adjustability feature provides maximum protection — avoids unwanted tripping.
- Patented GFCI/ELCI technology designed for switching duty.
- Addresses the requirements of 29CFR1910.

More companies are choosing HD-PRO™ for their GFCI solution

In addition to the responsibility of compliance of Federal Standard 29CFR1910, more companies are recognizing the real impact that personal injury and equipment damage can have on their business. The benefits of using HD-PRO™ Ground Fault Protection include:

- Localized protection vs. entire branch circuit protection.
- Reduced risk of widespread downtime caused by a localized fault condition.
- High quality mechanics, designed for switching duty.
- Overall portable and affordable.

The HD-PRO™ models are the best solution for protecting expensive high-current/high-voltage equipment at the point of use while providing substantial shock protection for personnel.

View our HD-PRO™ product line on the pages that follow. >>

HD-PRO® GFCI/ELCI

Ground Fault Circuit Interrupters & Equipment Leakage Current Interrupters

High-Power GFCI

6mA trip. Outdoor rated. 2' length on line and load side. Configured for both in-line and bulkhead mount, lighted indicator.

Part Number	Reset Type	Cord Length & Type	Phase	AWG	Volts/Amps	Color	Weight
24130 008-1	Auto	2' SEOW	Single	10/3	120V/30A	Black	7.00
23250 003-1	Auto	2' SOW	Single	8/3	240V/40A	Black	7.00
25500 001-1	Auto	2' SEOW	Three	10/4	208V/30A 240V/30A	Black	7.00



24130 008-1



High Power ELCI-30A

10mA trip, 10/4 AWG, flying leads, outdoor rated. 2' length on line and load side, configured for both in-line and bulkhead mount, lighted indicator.

Part Number	Reset Type	Cord Length & Type	Phase	Volts/Amps	Color	Weight
24140 002-1	Auto	2' SEOW	Single	240V/30A	Black	7.00
24500 006-1	Auto	2' SEOW	Three	208V/30A 240V/30A	Black	4.40



24140 002-1

High Power ELCI-60A

10mA trip, *30mA trip for 25560 001-1, flying leads, outdoor rated 2' length on line and load side, configured for both in-line and bulkhead mount, lighted indicator.

Part Number	Reset Type	Cord Length & Type	Phase	AWG	Volts/Amps	Color	Weight
24520 001-1	Auto	2' SEOW	Single	4/3	120V/60A	Grey	10.00
24530 001-1	Auto	2' SEOW	Three	4/4	240V/60A	Grey	12.50
25560 001-1*	Auto	2' SEOW	Three	4/4	380V/60A	Grey	19.00



24520 001-1

High Power GFCI/ELCI - Adjustables, 6-10-30mA

Selectable trip levels of 6mA, 10mA & 30mA, flying leads, outdoor rated. 2' length on line and load side, configured for both in-line and bulkhead mount, lighted indicator.

Part Number	Reset Type	Cord Length & Type	Phase	AWG	Volts/Amps	Color	Weight
24846 001-1	Auto	2' SOW	Three	8/5	208V/30A 240V/30A	Grey	8.00
24542 001-1	Auto	2' SEOW	Three	4/4	208V/60A 240V/60A	Grey	8.90
24646 001-1	Auto	2' SEOW	Three	10/4	480V/30A	Grey	7.00
24672 001-1	Auto	2' SEOW	Three	4/4	480V/60A	Grey	10.25
24396 001-1	Auto	2' SEOW	Single	10/3	277V/30A	Grey	5.50



24846 001-1

SAFETY PRODUCTS

HD-PRO® GFCI/ELCI

Ground Fault Circuit Interrupters & Equipment Leakage Current Interrupters

SAFETY PRODUCTS



24946 003-1

High Power GFCI/ELCI-Adjustables, 6-10-30mA

Selectable trip levels of 6mA, 10mA & 30mA, flying leads, outdoor rated. 2' length on line and load side, configured for both in-line and bulkhead mount, lighted indicator.

Part Number	Reset Type	Cord Length & Type		Phase	AWG	Volts/Amps	Color	Weight
24946 003-1	Auto	2'	SEOW	Three	4/4	600V/60A	Grey	18.00
24786 001-1	Auto	2'	SEOW	Three	4/4	208V/80A 240V/80A	Grey	14.00
24796 001-1	Auto	2'	SEOW	Three	4/4	480V/80A	Grey	18.00
24992 001-1	Auto	2'	SEOW	Three	4/4	600V/80A	Grey	17.00



44610 001-1

High Power GFCI/ELCI-Adjustables, 6-10-30mA

Selectable trip levels of 6mA, 10mA & 30mA, configured for both in-line and bulkhead mount. Line and load side conduit connect, lighted indicator.

Part Number	Reset Type	Phase	Volts/Amps	Color	Weight
44610 001-1	Auto	Three	208V/30A 240V/30A	Grey	13.50
44640 001-1	Auto	Three	208V/60A 240V/60A	Grey	14.00
44620 001-1	Auto	Three	480V/30A	Grey	14.00
44630 001-1	Auto	Three	480V/60A	Grey	14.50



44110 012-1

High Power Equipment Ground Fault Protective Device (EGFPD) Adjustables, 10-30-50mA

Selectable trip levels of 10mA, 30mA & 50mA, configured for both in-line and bulkhead mount. Line and load side conduit connect, lighted indicator.

Part Number	Reset Type	Phase	Volts/Amps	Color	Weight
44110 012-1	Auto	Three	208V/30A 240V/30A	Grey	13.50
44140 012 1	Auto	Three	208V/60A 240V/60A	Grey	14.00
44120 012-1	Auto	Three	480V/30A	Grey	14.00
44130 012-1	Auto	Three	480V/60A	Grey	14.50



Fire Shield® Cord Sets & Surge Strips

Leakage Current Detection Interrupters

LCDI Cord Sets

Cord fire (LCDI) protection, cord leakage trip level 2.0-2.6mA, outdoor rated, 14/3 AWG.

Part Number	Reset Type	Cord Length & Type	Plug/ Receptacle	Volts/Amps	Color	Weight
14880 035-2	Manual	25' Fire Shield®	NEMA 5-15 P & R	120V/15A	Yellow	3.25
14880-244-1	Manual	50' Fire Shield®	NEMA 5-15 P & R	120V/15A	Yellow	4.80



14880 035-2



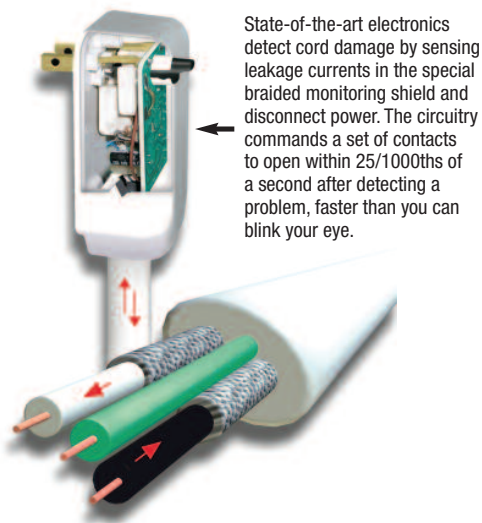
LCDI Protected Surge Strips

Cord fire (LCDI) protected surge strips with 15A breaker, indoor rated. 14/3 AWG. The ONLY cord that prevents cord fires, surges and overloads.

Part Number	Reset Type	Cord Length & Type	Plug/ Receptacle	Volts/Amps	Color	Weight
90802-3FA	Manual	3' 1350	6 Outlets	120V/15A	White	1.20
90814-2FA	Manual	6' 3500	8 Outlets Coax/Cable & Phone/Fax Modem Protection	120V/15A	White	1.75
90885-1	Manual	12' 1350	6 Outlets	120V/15A	White	2.65



90802-3FA



State-of-the-art electronics detect cord damage by sensing leakage currents in the special braided monitoring shield and disconnect power. The circuitry commands a set of contacts to open within 25/1000ths of a second after detecting a problem, faster than you can blink your eye.

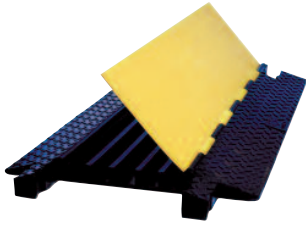
SAFETY PRODUCTS



Cable Protection Systems

Heavy-Duty & Light-Duty Cable Protectors

SAFETY PRODUCTS



31104

Heavy-Duty Cable Protection Systems

Load bearing capacity of 80,000 lbs., or 21,000 lbs. per axle. 5 channel and 3 Channel. All female connectors.

Part Number	Channel	Channel Type	L x W x H	Slot Size	Color	Weight
31104-1	5	Linear	36"x19"x2"	1.25"	Yellow Black	31.00
31107-1	5	End Cap Set	6"x19"x2"	1.25"	Yellow Black	8.00
31106-1	5	Right Turn	25"x19"x2"	1.25"	Yellow Black	17.00
31105-1	5	Left Turn	25"x19"x2"	1.25"	Yellow Black	17.00
31112-1	5	T-Section	38"x38"x2"	1.25"	Yellow Black	42.00
31100-1	3	Linear	36"x20"x3"	2.25"	Yellow Black	34.00
31103-1	3	End Cap Set	6"x20"x3"	2.25"	Yellow Black	19.00
31102-1	3	Right Turn	25"x20"x3"	2.25"	Yellow Black	23.00
31101-1	3	Left Turn	25"x20"x3"	2.25"	Yellow Black	23.00

Light Duty Cable Protection Systems

Load bearing capacity of 10,000 lbs., Compatible with other manufacturers. Freight not included.



31108

Part Number	Channel	Channel Type	L x W x H	Slot Size	Color	Weight
31108-1	5	Linear	36"x19"x2"	1.25"	Yellow Black	22.00
31109-1	5	End Cap Set	6"x19"x2"	1.25"	Yellow Black	7.00
31110-1	5	"Y" for Left & Right Turns	22"x22"x2"	1.25"	Yellow Black	13.00
31113-1	5	T Section	17.5"x17.5"x2"	1.25"	Yellow Black	12.00

OEM Appliance Cords

LCDI

OEM Appliance Cords - LCDI 120/240V up to 30Amps

Fire Shield® OEM appliance cords are essential for applications such as heaters, air conditioners, humidifiers, fans, etc. The National Electric Code (NEC) and Underwriters Laboratories (UL) require the use of either an Arc Fault Circuit Interrupter (AFCI) or a Leakage Current Detection and Interruption (LCDI) protected cord set on all cord and plug connected room air conditioners. Fire Shield® appliance cords meet these requirements. Fire Shield® LCDIs are available in 2- and 3-wire versions in virtually any length. The product is configured for 15, 20 or 30 amps and #16 gauge to #10 gauge wire to suit your application.



Our sales consultants are available to discuss your OEM cord needs.

SAFETY PRODUCTS



Notes

SAFETY PRODUCTS

When the job must go on, rely on Coleman Cable's complete line of lighting products to light the way. For the times when the weather does not cooperate or the job goes on into the night, be prepared.... make CCI lighting products part of your everyday tool list.

Worklights – Worksites are big places and require a lot of light to make them safe. With the addition of The Designer's Edge[®] line of worklights and handhelds, CCI now offers some of the most innovative, best performing, and feature-rich products in the industry. With unique convenience features, lighting technologies, and industry-leading outputs, these products will quickly be the staples of every jobsite.

Handlamps – A complete line of standard duty hand lamps designed to fit most applications and locations. Economical and flexible in design, these are the workhorses for most jobsites. You will find a task light for almost every job you are looking to accomplish.

Construction Lights – Lighting strings, temp lights, and tower lights are the traditional ways that jobsites are lit up. Coleman Cable offers products that meet the requirements of most job sites with economy and performance in mind. We have the standard products you need for small, medium and large jobsites.

Don't be caught in the dark! OSHA inspectors and safety engineers frequently find their way to jobsites, looking for safety violations. One of the most common violations is insufficient light and dark areas. OSHA regulation 1926.56 defines the minimum requirements based on job type or operation. We have provided that information in our technical reference section. Make sure your worksite has enough light. Select the right lights for your worksite.

CCI – Light with the best.

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Contractor Series Halogen Worklights

LIGHTING



L33



L845



L14SLED



L110SLED

CCI offers an expanded line of heavy-duty die cast Power Light halogen worklights for any residential, light commercial construction or maintenance project. The compact designs and variety of both lumen output and base options offer convenient, easily transported models for ultra-mobility and versatility, from 35W clamp-on small space lighting to 1,000W directional wide-area site lighting. All lights include Shadow Fighter™ grills. Sled-base and Tri-Pod options offer maximum versatility for directional lighting.

- FEATURES & BENEFITS:**
- Heavy-duty, die-cast frame provides years of service
 - Shadow Fighter™ grills maximize light output
 - Compact design offers great portability
 - Hooks and clamps on the 35W and 250W offer over-head small space light option
 - Tri-pod model offers 500W or 1,000W directional lighting with a sled base for ultra-versatility

- CONSTRUCTION:**
- Heavy-duty, die-cast, powder coated frames
 - Shadow Fighter™ grills
 - Tempered high heat glass
 - Heavy-duty polypropylene Worklight Tool Tray has a universal mounting bracket

- APPLICATIONS:**
- Large residential construction projects
 - Small commercial construction projects
 - Maintenance projects

- INDUSTRY APPROVALS:**
- UL Listed
 - cUL Listed

Contractor Series Halogen Worklights

Part Number	Wattage/ Stages	Description	Switch	Bulbs	Cord Gauge	Cord Length	Lumens	Multiple
L855	35W	Bullet Clamp Light	Y	2 x 35W (1 spare)	18/3	3'	450	4
L860	250W	"S" Sled Base	N	1 x 250W	18/3	1'	4,000	12
L845	250W	Clamp Light	WP	1 x 250W	18/3	5'	4,000	12
L33	500W	"S" Sled Base	WP	1 x 500W	18/3	3'	8,000	6
L1719	500W	2-In-1 Twin Tripod (48" max) & Sled Base	2 WP	2 x 250W	18/3	4'	8,000	4
L10SLED	500W	2-In-1 Single Tripod (50" max) & Sled Base	WP	1 x 500W	18/3	4'	8,000	2
L5509	500W	Worklight Powerstation w/ Cord Storage Reel that holds 50' of 12/3, 70' of 14/3 or 90' of 16/3 (unit is green)	CB	2 x 500W (1 spare)	14/3	3'	10,000	2
L14SLED	1,000W	2-In-1 Twin Tripod (68" max) & Sled Base	2 WP	2 x 500W	18/3	5'	20,000	2
Accessories								
L500	Worklight Tool Tray							6

Weatherproof Switch (WP)
Circuit Breaker/Switch (CB)
Spare lamps not included.

For replacement bulbs, please see page 72-73 or call customer service.



L5509



L500

Pro Series & Pro Plus Halogen Worklights

LIGHTING



L113



L5200



L5502



L5500

CCI offers a vastly expanded line of extra-large, heavy-duty die cast housing halogen worklights. These Pro Series Power Light worklights are suitable for any large residential, commercial construction or maintenance project. The robust designs and variety of unique lumen outputs and base options offer convenient, mobile lighting with great versatility, from 250W clamp-on lighting to 1,400W directional wide-area site lighting. Many models offer at least 2 stages of light wattage output for ultimate lighting choices. All lights include Shadow Fighter™ grills and a heavy-duty construction from frame to stand.

- FEATURES & BENEFITS:**
- Robust design offers durability and many years of service on any jobsite
 - Weatherproof switches provide protection from water and dust
 - Foam handle and skid-free feet offer comfort and ease in transportation and set-up
 - Wide Angle units offer 160° wall to wall light output
 - Storage tubes with extra bulb(s) save time on the jobsite
 - Shadow Fighter™ grills maximize light output

- CONSTRUCTION:**
- Heavy-duty, extra-large die-cast frames with powder coated finish
 - Shadow Fighter™ grills
 - Tempered high heat glass
 - Weatherproof switches
 - 500W; 600W; 700W; 1000W; 1200W and 1400W units have various light output stages

- APPLICATIONS:**
- Residential construction projects
 - Commercial construction projects
 - Industrial construction projects
 - Large maintenance projects

- INDUSTRY APPROVALS:**
- UL Listed
 - cUL Listed

Pro Series & Pro Plus Halogen Worklights

Part Number	Wattage/ Stages	Description	Switch	Bulbs	Cord Gauge	Cord Length	Lumens	Multiple
Pro Series (RED)								
L878	250W	4-N-1 Combo (clamp, hanging hook, s-base & yard stake)	WP	1 x 250W	18/3	3'	4,000	3
L5200	250/500W	Wide Angle Sled Base	2 WP	3 x 250W (1 spare)	18/3	5'	8,000	6
L38DB	600W	Sled Base	2 WP	3 x 300W (1 spare)	18/3	5'	10,800	6
L19	300/600W 900/1,200W	Tripod (76" max) & Sled Base	2 WP	5 x 300W (1 spare)	18/3	7'	21,600	2
Pro Plus Series (Green)								
L41HD	500W	Wall Mounted Arm / Dock Light	WP	2 x 500W (1 spare)	18/3	10'	8,000	1
L113	500W	Spring Mounted Roll Cage	WP	2 x 500W (1 spare)	18/3	10'	8,000	2
L5500	200/500/700W	Sled Base	2 WP	2 x 200W (1 spare) 2 x 500W (1 spare)	18/3	5'	13,200	4
L5203	500/1,000W	Wide Angle Sled Base	2 WP	3 x 500W (1 spare)	18/3	5'	20,000	2
L5502	200/400/500W 700/1,000W 1,200/1,400W	Tripod (76" max) & Sled Base	2 WP	3 x 200W (1 spare) 3 x 500W (1 spare)	18/3	7'	26,400	2
Accessories								
L500	Worklight Tool Tray							6

Weatherproof Switch (WP)

For replacement bulbs, please see page 72-73 or call customer service.



L41HD



L500

EcoZone™ Series Worklights

LIGHTING

CCI offers a line of heavy-duty EcoZone™ Power Light LED and CFL worklights for any residential, light commercial construction or maintenance project. The compact designs and variety of both cool-running bulb and base options offer convenient, easily transported models for ultra-mobility and versatility. Sled-base, clamp and Tri-Pod options offer maximum versatility for directional and wide-area lighting, including 360° lighting.

- FEATURES & BENEFITS:**
- CFL or LED bulbs provide cool-running safety and energy efficiency
 - Compact design offers great portability
 - Rechargeable fixture runs up to 4 hours on full charge

- CONSTRUCTION:**
- Heavy-duty frames and polymeric housing
 - Non-slip handle and feet
 - Rechargeable unit lasts up to 4 hours on full charge

- APPLICATIONS:**
- Small residential construction projects
 - Small commercial construction projects
 - Maintenance projects

- INDUSTRY APPROVALS:**
- UL and cULus Listed applies to L2004 & L2005
 - cCSAus applies to L2006
 - Runs up to 4 hours



L2005



L2004



L2006



L2008



L1312



L1315

EcoZone™ Series Worklights

Fluorescent Worklights

Part Number	Wattage/ Stages	Description	Switch	Bulbs	Cord Gauge	Cord Length	Lumens	Multiple
L2004	65W (300W eq.)	CFL Sled Base	yes	1 x 65W fl.	18/3	5'	4800	4
L2006	65W (300W eq.)	CFL 360 degree Portable Work Light w/ Wall Bracket	WP	1 x 65W fl.	16/3	5'	4800	4
L2005	130W (600W eq.)	CFL Tripod (76" max) & Sled Base	2 WP	2 x 65W fl.	18/3	7'	10800	1
L2008	65W (300W eq.)	CFL Tripod 360 Degree (76" max)	WP	1 x 65W fl.	16/3	7'	10800	1

Weatherproof Switch (WP)

For replacement bulbs, please see page 72-73 or call customer service.



LED Worklights

Part Number	Description	LEDs	Color Temp	Stabilized Lumens	Switch	Cord Gauge	Cord Length	Multiple
L1306	108 LEDs, Portable Work Light	.5mm, 45 degree	6500K	211	WP	18/2	6'	6
L1312	5 high-power LEDs, Portable Work Light	High Power, 120 degree	6500K	377	WP	18/2	6'	6
L1313	108 LEDs, Rechargeable, Portable Work Light	.5mm, 45 degree	6500K	260	WP	12V	6'	6
L1315	63 high-power LEDs, Portable Work Light	High Power, SMD, 120 degree	6500K	1,200	WP	18/2	6'	4

Goliath™ Series Metal Halide Worklights

Goliath™

LIGHTING

CCI offers an industrial line of heavy-duty die cast Goliath™ metal halide worklights for commercial construction, highway or maintenance projects. The robust portable designs offer convenient, easily transported models for ultra-mobility and versatility, from the unique 1,000W sled base lighting to 2,000W directional wide-area site lighting. All lights include Shadow Fighter™ grills.

- FEATURES & BENEFITS:**
- Heavy-duty, die-cast housing and frame provide years of service.
 - Shadow Fighter™ grills maximize light output.
 - Weatherproof switches provide long-life reliability.
 - Heavy-duty power cord and plugs offer on-site reliability.
 - Hinged frame for greater portability.

- CONSTRUCTION:**
- Heavy-duty, extra-large die-cast frames with powder coated finish.
 - Shadow Fighter™ grills.
 - Tempered high heat glass.
 - Weatherproof switches.
 - 1,000W model has a 20A L5-20p grounded plug.
 - 2,000W has a generator platform and 30A L5-30p grounded plug.
 - 2,000W model fully extends to 10' high.

- APPLICATIONS:**
- Large outdoor/indoor commercial construction and highway projects.
 - Large outdoor/indoor industrial maintenance projects.

- INDUSTRY APPROVALS:**
- cUL Listed 1,000W model.
 - cCSAus on 2,000W model.



L4211



L4210

Goliath™ Series Metal Halide Worklights

Goliath™

Part Number	Wattage/ Stages	Description	Switch	Bulbs	Power Cord	Lumens	Multiple
L4210	1000W	Metal Halide Floor Unit	WP	1 x 1000W	1 x 12/3 15' w/ 20A Plugs	100,000	1
L4211	1000/2000W	Metal Halide Heavy Duty Telescoping Unit Extends 6'-10'	2 WP	2 x 1000W	2 x 12/3 15' w/ 30A Plugs	200,000	1

Weatherproof Switch (WP)
For replacement bulbs, please see page 72-73 or call customer service.



LIGHTING

Hand Held Lamps

Incandescent

LIGHTING



Polar/Solar®

Heavy-duty work lights featuring Coleman's exclusive T*Prene" insulated Polar/Solar" cord. Stays flexible under all temperature extremes to -67°F. Exclusive one-piece injection molded handle. Grounded, vinyl coated metal guard with switch and side outlet. 75 Watt maximum bulb. Oil and chemical resistant.

Part Number	Description	Wire Ga/Cond	Wire Type	Color	Length (Ft)	Package Type	125v Rating	Master Pack	Master Wt.	Master Pack cube
05657	Metal Guard w/outlet	14/3	SJEO	Yellow	25	Sleeve	15A	6	6	2.06
05658	Metal Guard w/outlet	14/3	SJEO	Yellow	50	Sleeve	15A	6	30	2.06
05857	Metal Guard w/outlet	16/3	SJEO	Yellow	25	Sleeve	13A	6	13	1.43
05858	Metal Guard w/outlet	16/3	SJEO	Yellow	50	Sleeve	13A	6	23	1.91
Industrial Work Lights										
05337*	Metal Guard	18/3	SJEO	Yellow	25	Sleeve	10A	12	26	3.01
05338*	Metal Guard	18/3	SJEO	Yellow	50	Sleeve	10A	6	21	1.78

* Note: These products do not have a switch or outlet, UL listed only.



Yellow Jacket® Work Lights

Yellow Jacket® Work Lights feature flexible wire, high heat resistant bulb collar, grounded metal guard, 13 amp grounded receptacle in handle and dual hooks. Hex-shaped cage helps direct light where it's needed. Coated wire cage keeps hot reflector from skin or upholstery. 75 Watt bulb rating.

Part Number	Description	Wire Ga/Cond	Wire Type	Color	Length (Ft)	Package Type	125v Rating	Master Pack	Master Wt.	Master Pack cube
2893	Metal Guard w/outlet	16/3	SJT	Yellow	25	Sleeve	13A	12	30	3.01
2948	Metal Guard w/outlet	16/3	SJT	Yellow	50	Sleeve	13A	4	16	1.39



Hand Held Lamps

Incandescent

Woods® Work Lights

Woods® Work Lights represent both durability and practicality. Lightweight construction makes handling them effortless, but don't let the lack of weight fool you! Constructed from tough PVC, these lights can stand the rigors of almost any work environment. All Woods® Work Lights come standard with power switches and bulb cages for fast light bulb changes. 75 Watt bulb maximum.

Part Number	Description	Wire Ga/Cond	Wire Type	Color	Length (Ft)	Package Type	125v Rating	Master Pack	Master Wt.	Master Pack Cube
Two Conductor, Polypropylene										
0200	Plastic Guard	18/2	SJT	Orange	15'	Sleeve	75W	12	14	2.09
0201	Plastic Guard	18/2	SJT	Orange	25'	Sleeve	75W	12	20.4	1.86
Three Conductor, Grounded Metal Guard with Side Outlet and Switch										
0681	Metal Guard w/outlet	18/3	SJT	Orange	25'	Sleeve	10A	12	27.6	2.04
0682	Metal Guard w/outlet	18/3	SJT	Orange	50'	Sleeve	10A	6	22.2	1.7
0691	Metal Guard w/outlet	16/3	SJT	Orange	25'	Sleeve	13A	12	28.4	2
0692	Metal Guard w/outlet	16/3	SJT	Orange	50'	Sleeve	13A	6	24.6	1.64



0200



0681



0691

Made to meet
OSHA
Specifications



LIGHTING

Hand Held Task Worklights

LED & CFL

LIGHTING



L1920



L1925

CCI offers an expanded line of handheld task lighting solutions for construction projects that demand tough, convenient lights for smaller workspaces. These molded handhelds are designed for years of service in any construction and general maintenance projects. The compact designs offer light weight models in a variety of bulb choices for ultra-mobility and energy efficiency. Comfort grip handles and construction-duty grills and/or lenses offer convenience, durability and maximum light output.

- FEATURES & BENEFITS:**
- Rugged, light-weight, molded frames provide convenient mobility and years of service.
 - Incandescent, CFL or LED designs offer a variety of light/lumen outputs.
 - Compact design with ergonomic handles offers great portability and comfort.
 - Rubbereze™ on L series offers non-slip, comfort grips.
 - Rechargeable units operate for 5 or 6 hours offering ultra-portability.
 - Super bright 36 or 72 LED and CFL models offer energy efficiency.

- CONSTRUCTION:**
- L contractor 120v series offer folding hooks; self-standing bases; outlet and on/off switches.
 - Heavy duty 3mm chrome metal grills on L contractor series.
 - High visibility orange; red; yellow or green colors.
 - Lithium rechargeable battery on 12v units.

- APPLICATIONS:**
- Residential construction or maintenance projects.
 - Commercial construction or maintenance projects.

- INDUSTRY APPROVALS:**
- UL Listed.
 - cUL Listed.

Hand Held Task Worklights

LED & CFL

LIGHTING

The Designer's Edge® LED Work Lights

Part Number	Wattage	Description	Duty	Type	Bulbs	Cord Gauge & Length		Outlets	Guard	Lumens	Multi
L1924	60W eq.	Rechargeable Trouble Light	Standard	LED	36 LED	n/a	n/a	n/a	Metal	90	4
L1925	120W eq.	Rechargeable Trouble Light	Standard	LED	72 LED	n/a	n/a	n/a	Metal	180	4
L1922	60W eq.	Trouble Light	Hard Use	LED	36 LED	16/3	6'	1 x NEMA 5-15R	Metal	90	4
L1923	120W eq.	Trouble Light	Hard Use	LED	72 LED	16/3	6'	1 x NEMA 5-15R	Metal	180	4



The Designer's Edge® Fluorescent Work Lights

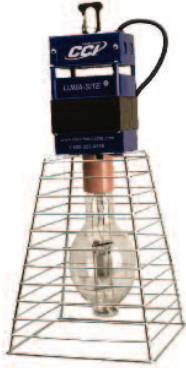
Part Number	Wattage	Description	Duty	Type	Bulbs	Cord Gauge & Length		Outlets	Guard	Lumens	Package	Master Pack	Master Wt.	Master Pack Cube
L1797	13W (60W eq.)	Trouble Light	Economy	CFL	1 x 13W	18/2	6'	n/a		825	Sleeve	6	12.00	.41
L1920	13W (60W eq.)	Trouble Light	Hard Use	CFL	1 x 13W	16/3	6'	1 x NEMA 5-15R	Metal	825	Sleeve	4	5.20	.51
L1921	26W (120W eq.)	Trouble Light	Hard Use	CFL	2 x 13W	16/3	6'	1 x NEMA 5-15R	Metal	1650	Sleeve	4	6.00	.67



Metal Halide Temporary Light

Pulse Start

LIGHTING



07605

Metal Halide Temporary Light - Pulse Start

NEC compliant pulse start lamp with 36,000 initial lumens, 20,000 hours of bulb life and 50% faster warm-up. Hot restart in less than half the time of a standard probe start metal halide system. Fast plug-in installation and spring-loaded hook. Knock-outs for hard wire and local codes. EISA 2007 compliant.

Part Number	Watts	Guard Type	Bulb Type	Cord Length	Master Pack	Master Wt	Master Pack Cube
07605*	400	10" Wire Guard	Type "0"	6ft	1	26	1.74

* NEC 2005

For replacement lamp use part number 07625-88-00 on page 73.



String Lights

Cord-O-Lite™

Industrial Cord-O-Lite™

Our most rugged lighting system. Heavy duty 12/3 SJTW (yellow) cord with molded light sockets. Accommodates A-23 type bulbs up to 150 watts. Available with coated-metal lamp guards, or easy-open snap-on plastic guards. Standard 15 amp molded or 20 amp locking ends.

Part Number	Length (Ft)	Description	Guard	NEMA Plug	NEMA Receptacle	Compliance	Master Pack	Master Wt	Master Pack Cube
07538	50	12/3 SJTW 300v	*Coated Metal	5-15P	5-15R	UL; NEC; OSHA	1	11	1.2
07539	100	12/3 SJTW 300v	*Coated Metal	5-15P	5-15R	UL; NEC; OSHA	1	27	1.97
07548	50	12/3 SJTW 300v	Plastic	5-15P	5-15R	UL; NEC; OSHA	1	9	1.20
07549	100	12/3 SJTW 300v	Plastic	5-15P	5-15R	UL; NEC; OSHA	1	25	1.97
07569	100	12/3 SJTW 300v	Plastic	L5-20P	L5-20R	UL; NEC; OSHA	1	25	1.97

*Guards are pre-assembled onto lamp sockets to save labor and installation time.



07538

Economy String Lights

Part Number	Length (Ft)	Description	Guard	NEMA Plug	NEMA Receptacle	Compliance	Master Pack	Master Wt	Master Pack Cube
15 Amp									
07145	100	14/2 SJTW 300v	Plastic	1-15P	-	UL; NEC; OSHA	1	14	2.15



07145

Made to meet
OSHA
Specifications 

Replacement Guards

Part Number	Description	Master Pack Cube
07200	Coated Metal for Cord-O-Lite™	1.13
07205	Coated Metal for Fluorescent Cord-O-Lite™	3.06
07300	Plastic for Economy Cord-O-Lite™	1.05
07500	Plastic for Cord-O-Lite™	1.05



07200



07300

Made to meet
OSHA
Specifications 

String Lights

Cord-O-Lite™

LIGHTING



07517

Cord-O-Lite™ CFL String Lights

Temporary lighting string for use with 105 W max compact fluorescent bulbs. Molded lampholders are attached to 14/3 SJTW flexible cord. Nominal operating voltage is 125VAC 60 Hz, and maximum string wattage is 1875W. NEC complaint.

Part Number	Length	Plug/Connector	Number of Lampholders	Master Pack	Master Wt	Master Pack Cube
07517	25ft	Straight blade 5-15 P/R	2	1	9	.61
07518	50ft	Straight blade 5-15 P/R	3	1	19	1.00
07519	100ft	Straight blade 5-15 P/R	6	1	35	1.30
07527	25ft	Twist-lock L5-20 P/R	2	1	9	.61
07528	50ft	Twist-lock L5-20 P/R	3	1	19	1.00
07529	100ft	Twist-lock L5-20 P/R	6	1	35	1.30

For replacement lamps, please see page 72-73 or contact customer service.

Specialty Lighting

Metal Halides/Industrial Lighting

CCI Offers a wide variety of commercial and industrial lighting fixtures for high and low bay applications. We accentuate this line with a selection of appropriate and convenient mounting hardware and accessories to make the installations complete.



HeatZone®

The HeatZone® line of outdoor heat lamps offer solutions to any outdoor, marine, or commercial application where someone finds themselves out in the cold. Using infrared and convection technologies and a variety of configurations, these products are both effective and convenient supplementary heat sources. From work benches and maintenance areas to patios and docks, CCI has a style of fixture to complement any space.



Security Lighting

Security lighting is the least expensive, most effective investment to prevent theft and vandalism. CCI's line of The Designer's Edge™ security lighting is one of the most innovative and complete brands of security and motion-activated lighting products available. We offer all the standard technologies, innovative LED and sensor products, colors and finishes, and accessories. Please visit designersedge.com to see the entire line of security lighting and select to right product for you.



LIGHTING

Specialty Lighting

LIGHTING



Farm Lighting

CCI offers a selection of rugged, industrial farm lighting products designed for the flexibility to be mounted in most any indoor and outdoor location. Open, enclosed, hanging, fixed and reflector models provide solutions for most farm-style lighting applications.



Landscape lighting

Why not highlight your biggest investment with landscape and accent lighting. CCI's line of landscape lighting offers a wide selection of halogen, incandescent, fluorescent and LED lights in a variety of finishes, styles, and configurations. Combined with a variety of controls, low voltage, and solar options, these products are configurable and flexible to meet most landscape needs.



Clamp and Brooder Lamps

CCI has one of the most well known names in the brooder and reflector lamps. These economical products heat small areas and provide convenient temporary lighting. A broad selection of sizes, clamp designs, and wattages meet the needs of contractors, farmers, and painters.



LED Cordless Task Light

LED Cordless Task Light

CCI's new LED Cordless Task Lights are ideal for putting ultra-portable light where electrical outlets are not readily available. They are suitable for nearly any task in tight spaces. These versatile lights emit 32 lumens (7 watt equivalent) from 24 super bright 50,000 hour-rated LEDs that last up to 30 years. AAA batteries, included, provide 6 hours of run-time. This task light offers 16 LEDs for wider area lighting; 8 LEDs for a directional spotlight and a laser pointer for jobsite accuracy. The heavy-duty magnet; dust and weatherproof covered on/off switch; impact resistant aerospace grade aluminum body in an anti-roll design all make this light unique and contractor-friendly.

FEATURES & BENEFITS:

- 8 3/4" aerospace grade aluminum body provides impact resistance in a compact size.
- Anti-roll body design makes it easy to use on any jobsite.
- Dust and weatherproof covered on/off switch keeps out dirt and controls wide area/spot/laser lights individually.
- 24 super bright LEDs last 50,000 hours or up to 30 years.
- 32 lumen output (7 watts) emit clear, bright light.
- Laser pointer to help identify specific issues on jobsites or industrial applications.
- 3 AAA batteries (included) provide 6 hours of use.
- Heavy duty magnet provides ultimate hands-free convenience for directional lighting.

PRODUCT CONSTRUCTION:

- Anti-roll, 8 3/4" aerospace grade aluminum body.
- Dust and weather resistant on/off switch.
- Wide area; spotlight or laser pointer.
- Heavy-duty magnet.
- 12 Pack Display Box includes: 6 black; 2 red; 2 blue and 2 silver trouble lights.

APPLICATION INFORMATION:

- Any residential, commercial, or light industrial jobsite/project.
- Automotive and fleet service facilities for both power and light.
- Maintenance facilities of all types.



L1407



Part Number	Description	Bulb	Lumens	Master Pack Cube
L1407	LED Cordless Task Light with Spot Light, Laser Pointer and Heavy-Duty Magnet Base	LED	32 (7 Watt Equivalent)	12

Worklight Bulbs & Accessories

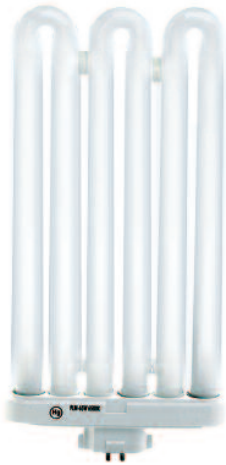
LIGHTING

CCI offers the widest variety of halogen worklight replacement bulbs and storage case solutions for any construction or maintenance project. Patented Bulb Buddy™ cases are the perfect halogen bulb molded storage solutions for ultimate bulb protection and jobsite convenience. The rough service incandescent, CFL and metal halide bulbs are designed for maximum light output for a variety of worklight designs from any manufacturer.

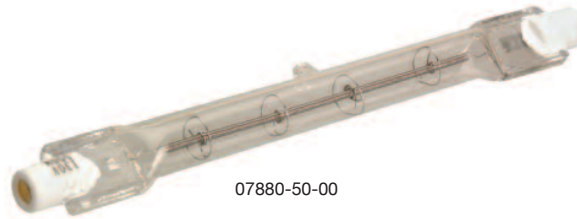
- FEATURES & BENEFITS:**
- Rough service incandescent bulbs offer extra durability for any jobsite.
 - Mogul base metal halides bulbs are Type O pulse start to meet most current fixture designs.
 - Bulb Buddy™ halogen bulb storage cases protect spare bulbs from damage.
 - Rough service halogen bulbs provide longer life on any jobsite.

- CONSTRUCTION:**
- Bulb Buddy™ cases are heavy duty plastic with foam inserts.

- APPLICATIONS:**
- Residential construction or maintenance projects.
 - Commercial construction or maintenance projects.
 - Industrial construction or maintenance projects.



L766



07880-50-00



E3001

Worklight Bulbs & Accessories

Part Number	Description	Bulb Type	Packaging	Multiple
Accessories				
L500	Worklight Tool Tray	-	-	6
E3001	Light Bulb Changer Kit	-	Blister Card	6
Bulbs				
L12	Replacement Bulb-500W	Quartz Halogen	Bulb Buddy Jr-3 Light	6
L15	500W	Quartz Halogen	Bulb Buddy 6 Light	12
L21	250W Rough Service	Quartz Halogen	Bulb Buddy 6 Light	12
L22	300W Rough Service	Quartz Halogen	Bulb Buddy 6 Light	12
L23	500W Rough Service	Quartz Halogen	Bulb Buddy 6 Light	12
L96	200W	Quartz Halogen	Blister Card	10
L796	250W	Quartz Halogen	Blister Card	10
L32	250W Rough Service	Quartz Halogen	Blister Card	10
L732	300W	Quartz Halogen	Blister Card	10
L16	500W	Quartz Halogen	Blister Card	10
L716	500W Rough Service	Quartz Halogen	Blister Card	10
07880-50-00	500W	Quartz Halogen	Bulk Pack	50
05902-00-00	75W Rough Service	incandescent	Bulk Pack	120
05903-00-00	100W Rough Service	incandescent	Bulk Pack	120
L712	13W PL	CFL	Bulk Pack	10
L767	65W-Self Ballasted Bulb	CFL	Bulk Pack	10
07615	105W-Self Ballasted Bulb	CFL	Bulk Pack	
L766	65W Flat PL	CFL	Bulk Pack	10
07625-88-00	400W Pulse Start- Type "O"	Metal Halide	Bulk Pack	10
L786	400W Mogul Base	Metal Halide	Bulk Pack	10
L787	1000W Mogul Base	Metal Halide	Bulk Pack	

Notes

LIGHTING

Looking for the easiest way to protect your cords and hoses, keep your worksite safe, and make connecting tools and equipment easy? CCI Reels will keep your cords protected during storage, easy to put away at the end of a job, reduce trip hazards in the job, and reduce any inadvertent damage. They will extend the life of cords and hoses and keep you and your team safe at the same time.

Coleman Cable offers a wide variety of commercial and standard duty cord reels, complete with connectors, outlet boxes, and worklights. If one of these products is not rugged enough for your worksite, be sure to see CCI's new line of industrial electric cord and hose reels.

Industrial Reels – CCI offers some of the highest quality, robotically welded, continuously cleaned and powder-coated, zero-defect coated metal parts, and complete them with industrial duty cord, hose and electrical products. Suitable for truck, overhead and wall mounting, these reels are tough enough and good enough for most industrial applications.

Commercial and Standard Duty reels – CCI offers a wide variety of light duty electric cord reels with a variety of cord styles, lengths, and electrical products. With this selection, we have a reel that will meet almost any standard application under 35 feet.

Hand Wind Reels – These reels are designed for standard and heavy duty usage in storing cables and distributing power. With integral safety features and rugged frames, these reels offer an economical solution but still provide convenience.

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Industrial Electrical & Hose Reels

Light & Power Cord, Hose

REELS



Electrical & Power Cord Reels

FEATURES & BENEFITS:

- All steel construction is rugged and durable; providing maximum structural strength.
- Long-life, high-quality drive spring is enclosed for protection against the environment.
- A baked-on powder coated finish on steel components provides maximum corrosion resistance.
- Adjustable guide arm allows reel to mount on ceiling, wall, bench or floor.
- Latching system allows desired length of cord to be maintained outside of reel.
- Supplied with premium electrical cord and ready to use pre-installed accessories.

CONSTRUCTION:

- Reel frame is stamped with stiffening ribs and forms; then robotically welded.
- Stamped steel reel cable spool has angled edges to protect cord and provide additional strength.
- Highest quality spring steel drive spring has several free coils in the center; forming a smooth radius that engages the spring arbor for maximum performance and life.
- Premium quality, highly flexible, long-life electrical cord is ideally suited for use on a reel.

APPLICATIONS:

- Industrial and manufacturing electrical power tool and equipment.
- Automotive and fleet service facilities for both power and light.
- Maintenance facilities of all types.
- For use indoors (dry environments).



Retractable Air/Water Hose Reels

FEATURES & BENEFITS:

- Heavy duty steel components are stamped and formed to include flanged edges and stiffening ribs for maximum strength and lighter weight.
- Drive spring is produced from high quality spring steel, providing long service life.
- Robust latching system holds hose at desired length and releases with a slight pull for retraction.
- Field adjustable hose guide arm allows the hose reel to mount on the ceiling, floor, wall, bench or trucks.
- All models are supplied with 300 psi air/water hose installed and ready to use.
- All model components receive a high quality powder coat finish prior to assembly virtually eliminating corrosion.

CONSTRUCTION:

- Industrial hose reels feature a light weight polypropylene spool with formed steel frame and guide arm.
- Premium and heavy duty reels are all steel construction.
- All models feature a full flow swivel that combines the highest grade seal design with support bearings.
- All hoses are high quality PVC, specifically blended for use on reels rated at 300 psi, 150° F max.

APPLICATIONS:

- Anywhere hoses are used.
- Industrial plants of all types.
- Food processing or pharmaceutical plants.
- Tools and equipment operation in automotive and fleet maintenance facilities.
- Service trucks, vehicles and mobile equipment of all types.
- Assembly lines and work stations.
- Workshops in schools, commercial businesses and homes.

Industrial Electrical & Hose Reels

Light & Power Cord, Hose

REELS

Heavy-Duty Electric Reels

Part Number	Gauge	Duty	Length	Jacket	Accessory	Housing Material	L	W	H	Volts	Amps	Std Pack	Ship Wgt
R11230-88-45	12/3	Heavy	45ft	SJEOW	NEMA 5-15R	Metal	12.63"	9.38"	13.25"	125V	15A	1	27 lbs
R11231-88-45	12/3	Heavy	45ft	SJEOW	NEMA 5-20R	Metal	12.63"	9.38"	13.25"	125V	20A	1	28 lbs
R11271-88-45	12/3	Heavy	45ft	SJEOW	Duplex GFCI GCM Outlet Box	Metal	12.63"	9.38"	13.25"	125V	20A	1	29 lbs
R11610-88-50	16/3	Heavy	50ft	SJEOW	Incandescent Work Light/Outlet	Metal	12.63"	9.38"	13.25"	125V	10A	1	23 lbs
R11680-88-50	16/3	Heavy	50ft	SJEOW	Fluorescent Work Light/Outlet	Metal	12.63"	9.38"	13.25"	125V	10A	1	27 lbs

Made to meet
OSHA
Specifications



Heavy-Duty Hose Reels

Part Number	Duty	Length	Hose Diameter	Rating	Std Pack	Ship Wgt
R12110-88-50	Low Pressure Industrial	50ft	3/8" (10mm)	300 psi max temp 150°F 65°C	1	29 lbs
R12113-88-50	Low Pressure Industrial	50ft	1/2" (13mm)	300 psi max temp 150°F 65°C	1	35 lbs
R12210-88-25	Low Pressure Premium Industrial	25ft	3/8" (10mm)	300 psi max temp 150°F 65°C	1	20 lbs
R12210-88-50	Low Pressure Premium Industrial	50ft	3/8" (10mm)	300 psi max temp 150°F 65°C	1	36 lbs
R12213-88-50	Low Pressure Premium Industrial	50ft	1/2" (13mm)	300 psi max temp 150°F 65°C	1	43 lbs
R12310-88-50	Low Pressure Heavy-Duty Industrial	50ft	3/8" (10mm)	300 psi max temp 150°F 65°C	1	43 lbs
R12313-88-50	Low Pressure Heavy-Duty Industrial	50ft	1/2" (13mm)	300 psi max temp 150°F 65°C	1	47 lbs
R12310-88-70	Low Pressure Heavy-Duty Industrial	70ft	3/8" (10mm)	300 psi max temp 150°F 65°C	1	47 lbs

Made to meet
OSHA
Specifications



Coleman Cable Inc.

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Commercial Duty Retractable Reels

Luma-Site® Cord Reels

REELS



05360

Tired of tripping over extension cords? Luma-Site® Retractable Reels solve that problem and keep your work area organized. Luma-Site® Retractable Reels are available with incandescent or fluorescent handlamps, single outlet connectors, or Trinector® 3-outlet blocks of various configurations. Reel bases are constructed with extra tough ABS plastic or heavy-duty steel and mount easily for use in workshops, basements, and garages. Mounting hardware included.

Commercial Duty Retractable Reels

FEATURES & BENEFITS:

- All steel and ABS construction is rugged and durable, providing maximum structural strength.
- Drive spring is fully enclosed for protection against the environment.
- Mount on ceiling, wall, bench or floor (some models).
- Ratcheting system allows desired length of cord to be maintained outside of reel.
- Supplied with premium electrical cord and ready to use pre-installed electrical accessories.

CONSTRUCTION:

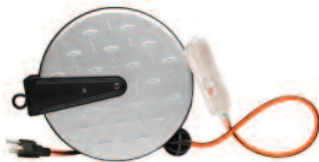
- Highest quality spring steel drive spring has several free coils in the center, forming a smooth radius.
- Spring arbor engages for maximum performance and life.
- Quality, highly flexible, long-life electrical cord is ideally suited for use on a reel.

APPLICATIONS:

- Industrial and manufacturing electrical power tool and equipment.
- Automotive and fleet service facilities for both power and light.
- Maintenance facilities of all types.
- For use indoors (dry environments).



04820-89-02



E215



E318



E319

Commercial Duty Retractable Reels

Luma-Site® Cord Reels

Commercial Duty Retractable Reels

Part Number	Gauge	Length	Jacket	Accessory	Housing Material	L/W/H	Volts	Amps	Std Pack	Ship Wgt
Medium Duty										
04820	12/3	50ft	SJEOW	Lighted Clear Triple Tap	Plastic	18.5"x9"x19"	125V	13A	1	21 lbs
E316	14/3	45ft	SJTW	Lighted Clear Triple Tap	Plastic	11"x5"x17"	125V	15A	2	11 lbs
E251	14/3	25ft	SJTW	Incandescent Work Light/Outlet - 100W Max	Metal	10.5"x4"x14"	125V	15A	3	9 lbs
48006	14/3	30ft	SJTW	Triple Tap	Metal	12"x5"x13"	125V	13A	3	9 lbs
Standard Duty										
E315	16/3	20ft	SJTW	Lighted Clear Triple Tap	Plastic	6.5"x3.5"x13.5"	125V	13A	4	6 lbs
E215	16/3	30ft	SJTW	Lighted Clear Triple Tap	Metal	9.5"x3.5"x17"	125V	13A	2	8 lbs
E216	16/3	20ft	SJTW	Incandescent Work Light/Outlet	Plastic	6.5"x3.5"x20.5"	125V	13A	4	4 lbs
E318	16/3	30ft	SJTW	13W Fluorescent Work Light/Outlet	Metal	9.5"x3.5"x28.13"	125V	13A	2	9 lbs
E319	16/3	30ft	SJTW	72 LED Work Light/Outlet	Metal	9.5"x3.5"x25.5"	125V	13A	2	9 lbs
48005	18/3	20ft	SVT	Incandescent Work Light/Outlet - 75W Max	Plastic	9.5"x5"x10"	125V	7A	3	5 lbs

REELS

Made to meet
OSHA
Specifications



Coleman Cable Inc.
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Cord Reels

Hand Wind

REELS



E230



E235



E238

Hand Wind Reels

More economical and portable than spring return reels, these hand wind reels are just as effective at protecting and managing cords.

Part Number	Color	Cord	Outlets	Max Quantity	Safety	Master Pack	Master Wt	Master Pack Cube
2801	Black/Yellow	16/3 SJTW	4	25ft	10A BK	3	9.54	.74
E230	Black/Yellow	No	4	90ft	Switch	4	7.60	2.51
E235	Red/Black	14/3 SJTW	6	50ft	Switch	2	16.40	1.70
E238	Green/Black	12/3 SJTW	6	50ft	Switch	2	20.80	1.72

The Woods brand of indoor and outdoor timers includes a full line of durable hardwire controls for commercial and industrial environments. These in-wall, time switch, plug-in and remotes maximize convenience, safety and energy savings by turning on and off lights, appliances and other devices at set times. CCI controls service a multitude of applications for office buildings, reception areas, restrooms, lobbies and waiting areas, storage rooms and reception areas.

The 24-hour mechanical time switches have a robust 40 amp motor with heavy-duty gear train that is enclosed in an industrial grade lockable steel box for safety and durability. They provide up to 24 on/off settings per day for flexible programming, with segment pins that are permanently attached so they won't get lost. All models include a manual override lever which temporarily suspends switch operation without affecting the set schedule.

In-wall programmable timers are great for overhead lighting, ceiling fans or porch lighting. The countdown and spring wound models automatically turn off lighting or appliances after selected time and are ideal for indoor/outdoor lighting, exhaust fans, heat lamps, or low-traffic areas. Designed for installation in single or multi-gang electrical wall boxes and easily replace existing switches. These hard-wire timers feature easy to turn dials or simple push-button controls. Available in 15-, 30- or 60-minute intervals or up to 12 hour countdown models and come in a variety of colors to match the home or building interior pallet, such as white, light almond, ivory and aluminum gray.

Dusk to dawn lighting controls are the ultimate in convenience, ease-of-use and energy savings. Photocells are available with screw-in, plug-in, twist-lock or hard wire connections, for indoor or outdoor applications. Photo controls are designed to react to natural and artificial lighting which automatically turns lights on at dusk and off at dawn without the need for programming.

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In-Wall Timers

Programmable & Countdown

CONTROLS



59018



59028



59745

Programmable Timers

Mechanical 24-hour or digital 7-day in-wall programmable timers are great for overhead lighting, ceiling fans, porch lighting, or other medium duty applications. Programming can be set for multiple on/off events that automate everyday tasks and reduce utility costs. Fits single or multi-gang box and easily replaces existing wall switch.

Part Number	Color	Volts	Hz	Amps/Watts	HP	Master Pk
7-Day Digital Programmable Timer – 7 On/Off Settings						
59018	White	125V	60Hz	15A/1875W Resistive 8A/1000W Tungsten 8A/1000VA Ballast	1/4 HP	6
59028	Light Almond	125V	60Hz	15A/1875W Resistive 8A/1000W Tungsten 8A/1000VA Ballast	1/4 HP	6
24-Hour Mechanical Programmable Timer – 24 On/Off Settings						
59745	White	125V	60Hz	20A/2500W Resistive 8A/1000W Tungsten 8A/Ballast	1 HP	6

Digital Countdown Timers

Automatically turns off lighting or appliances after selected time and is ideal for exhaust fans, heat lamps, lighting, or low-traffic areas. Fits single or multi-gang box and easily replaces existing wall switch. Features simple push-button controls, quiet operation and available 30-minute to 12-hour countdown models.



59720



59013



59014

Part Number	Color	Volts	Hz	Amps/Watts	HP	Master Pk
30-Minute Digital Countdown Timer – 5, 10, 15, or 30 Minutes and OFF						
59007	White	120V	60Hz	15A/1875W Resistive 8.3A/1000W Tungsten 8.3A/1000V Ballast	1/4 HP	6
59726	Ivory	120V	60Hz	15A/1875W Resistive 8.3A/1000W Tungsten 8.3A/1000V Ballast	1/4 HP	6
59720	Light Almond	120V	60Hz	15A/1875W Resistive 8.3A/1000W Tungsten 8.3A/1000V Ballast	1/4 HP	6
60-Minute Digital Countdown Timer – 10, 20, 30, or 60 Minutes and OFF						
59008	White	120V	60Hz	15A/1875W Resistive 8.3A/1000W Tungsten 8.3A/1000V Ballast	1/4 HP	6
8-Hour Digital Countdown Timer – 1, 2, 4, or 8 Hours and OFF						
59013	White	120V	60Hz	15A/1875W Resistive 8.3A/1000W Tungsten 8.3A/1000V Ballast	1/4 HP	6
12-Hour Digital Countdown Timer – 2, 4, 8, or 12 Hours and OFF						
59014	White	120V	60Hz	15A/1875W Resistive 8.3A/1000W Tungsten 8.3A/1000V Ballast	1/4 HP	6

In-Wall Timers

Spring Wound

Spring Wound Timers

Automatically turns off lighting or appliances after selected time and is ideal for heat lamps, exhaust fans or lighting. Features easy to turn dials, available in 15- to 60-minute countdown settings, and comes in white, light almond, ivory and aluminum gray.

Part Number	Color	Volts	Hz	Amps/Watts	FLA/LRA	Master Pk
15-Minute Spring Wound Timer						
59711	White	125V	60Hz	20A/2500W Resistive 8A/1000W Tungsten 5A/625VA Ballast	15FLA, 90 LRA	6
59727	Ivory	125V	60Hz	20A/2500W Resistive 8A/1000W Tungsten 5A/625VA Ballast	15FLA, 90 LRA	6
59712	Light Almond	125V	60Hz	20A/2500W Resistive 8A/1000W Tungsten 5A/625VA Ballast	15FLA, 90 LRA	6
59713	Gray	125V	60Hz	20A/2500W Resistive 8A/1000W Tungsten 5A/625VA Ballast	15FLA, 90 LRA	6
30-Minute Spring Wound Timer						
59714	White	125V	60Hz	20A/2500W Resistive 8A/1000W Tungsten 5A/625VA Ballast	15FLA, 90 LRA	6
59728	Ivory	125V	60Hz	20A/2500W Resistive 8A/1000W Tungsten 5A/625VA Ballast	15FLA, 90 LRA	6
59715	Light Almond	125V	60Hz	20A/2500W Resistive 8A/1000W Tungsten 5A/625VA Ballast	15FLA, 90 LRA	6
59716	Gray	125V	60Hz	20A/2500W Resistive 8A/1000W Tungsten 5A/625VA Ballast	15FLA, 90 LRA	6
60-Minute Spring Wound Timer						
59717	White	125V	60Hz	20A/2500W Resistive 8A/1000W Tungsten 5A/625VA Ballast	15FLA, 90 LRA	6
59729	Ivory	125V	60Hz	20A/2500W Resistive 8A/1000W Tungsten 5A/625VA Ballast	15FLA, 90 LRA	6
59718	Light Almond	125V	60Hz	20A/2500W Resistive 8A/1000W Tungsten 5A/625VA Ballast	15FLA, 90 LRA	6
59719	Gray	125V	60Hz	20A/2500W Resistive 8A/1000W Tungsten 5A/625VA Ballast	15FLA, 90 LRA	6



59712



59713



59714



59717



59719

CONTROLS

Mechanical Time Switches

24-hour General Purpose

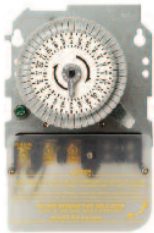
CONTROLS



59101



59101R



59101M

24-Hour Mechanical Time Switches

Designed for residential, commercial and industrial applications such as fountains, pool pumps, water heaters, air conditioners, lighting and signs. Features a robust 40-amp motor with heavy-duty gear train that is enclosed in an industrial-grade, lockable steel box. Provides up to 24 on-off settings per day in 30-minute intervals, with segment pins that are permanently attached so they won't get lost. All models include a manual override lever which temporarily suspends switch operation without affecting the set schedule.

- SPECIFICATIONS:**
- 40-amp general use, resistive and tungsten
 - 20-amp ballast
 - 1000VA pilot duty
 - 2HP (24FLA) 120VAC or 5HP (28FLA) 240VAC
 - CSA Listed (C/US)
 - Meets UL Standard 917

Part Number	Switch Type	Volts	Amps	Enclosure Type	Master Pk
Indoor Time Switch					
59101	SPST	120V	40A	NEMA 2	2
59103	DPST	120V	40A	NEMA 2	2
59104	DPST	208-277V	40A	NEMA 2	2
Outdoor Time Switch					
59101R	SPST	120V	40A	NEMA 3R	2
59103R	DPST	120V	40A	NEMA 3R	2
59104R	DPST	208-277V	40A	NEMA 3R	2
Time Switch Mechanism					
59101M	SPST	120V	40A	none	2
59103M	DPST	120V	40A	none	2
59104M	DPST	208-277V	40A	none	2

Remote Controls

Indoor & Outdoor

Turn on/off electrical devices with a simple click of a button. Ideal for use with lighting, fans, holiday decorations or for security applications. Works up to a distance of 60 feet. Includes 12V A23 battery.

Indoor Remote Controls

Part Number	Cycles	Volts	Hz	HP	Amps/Watts	Master Pk
Indoor Wireless Remote						
59743	On/Off	125V	60Hz	1/3 HP	13A/1625W Resistive 8A/1000W Tungsten	6
Indoor Wireless Remote 3-pack						
13569	On/Off	125V	60Hz	1/3 HP	13A/1625W Resistive 8A/1000W Tungsten	6



13569

Outdoor Remote Control

Part Number	Cycles	Cord	Volts	Hz	Amps/Watts	Master Pk
Outdoor Remote						
32555	On/Off	16/3 SJTW 6-inch	125V	60Hz	13A/1625W Resistive 8A/1000W Tungsten	6



32555

CONTROLS

Indoor Timers

Mechanical

CONTROLS



50000



50001



50002



50003



22575

Indoor Mechanical Timers

Turns on/off lamps, fans or other electrical devices. Features segment pins that are permanently attached so they won't get lost. Includes easy-to-find instruction slot that stores the programming manual and convenient override button which suspends timer operation without affecting the set schedule.

Part Number	Cycles	Volts	Hz	Amps/Watts	Master Pk
Indoor 24-Hour Mechanical Timer with 2 Conductor Prongs					
50000	Up to 24 On/Off settings per day	125V	60Hz	15A/1875W Resistive 8A/1000W Tungsten 5A Ballast	6
Indoor 24-Hour Heavy-Duty Mechanical Timer with 3 Conductor Prongs					
50001	Up to 24 On/Off settings per day	125V	60Hz	15A/1875W Resistive 8A/1000W Tungsten 5A Ballast	6
Indoor 7-Day Heavy-Duty Mechanical Timer					
50002	Up to 6 On/Off settings per day	125V	60Hz	15A/1875W Resistive 8A/1000W Tungsten 5A Ballast	6
Indoor 7-Day Mechanical Vacation Timer					
50003	Pre-programmed settings	125V	60Hz	15A/1875W Resistive 8A/1000W Tungsten 5A Ballast	6
Indoor 24-Hour Mechanical Timer with 2 Outlets					
50004	Up to 24 On/Off settings per day	125V	60Hz	15A/1875W Resistive 8A/1000W Tungsten 5A Ballast	6
Indoor 24-Hour Mechanical Timer with Nightlight					
50005	Up to 24 On/Off settings per day	125V	60Hz	15A/1875W Resistive 8A/1000W Tungsten 5A Ballast	6
Indoor 24-Hour Mechanical Timer (Combo Pack)					
50006	Up to 24 On/Off settings per day	125V	60Hz	15A/1875W Resistive 8A/1000W Tungsten 5A Ballast	6
8-Outlet Power Strip with Built-In Timer					
22575	Up to 48 On/Off settings per day	125V	60Hz	15A/1875W Resistive	6

Indoor Timers

Digital

Indoor Digital Timers

Turns on/off lights, fans, holiday lights or other electrical devices. Features self recharging battery that stores programs and to-the-minute accuracy. Some models includes easy-to-find instruction slot that stores the programming manual and convenient override button which suspends timer operation without affecting the set schedule.

Part Number	Cycles	Volts	Hz	Amps/Watts	Master Pk
Indoor 24-Hour Digital Timer					
50010	Up to 2 On/Off settings per day	125V	60Hz	10A/1250W Resistive 4A/500W Tungsten 4A Ballast	6
Indoor 7-Day Digital Timer					
50008	Up to 20 On/Off settings per day	125V	60Hz	10A/1250W Resistive 4A/500W Tungsten 4A Ballast	6
Indoor 7-Day Heavy-Duty Digital Timer with 2 Outlets					
50009*	Up to 20 On/Off settings per day	125V	60Hz	15A/1875W Resistive 8A/1000W Tungsten 8A Ballast	4
Indoor 24-Hour Digital Timer (Combo Pack)					
50007	Up to 2 On/Off settings per day	125V	60Hz	10A/1250W Resistive 4A/500W Tungsten 4A Ballast	6
Flip-Switch Timer – Battery Operated, No Wiring Required					
59744	Up to 2 On/Off settings per day	–	–	–	6

*15FLA/90LRA



50007



50009



59744

CONTROLS

Outdoor Timers

Mechanical & Digital

CONTROLS

Turns on/off outdoor lights or holiday decorations at set times. Features multiple on/off settings per day for flexible programming that maximizes convenience, safety and energy savings. Mechanical models feature never lose pins, dusk-to-dawn models feature automated settings and digital models provide to-the-minute accuracy.



50011



2001



50015



50013

Outdoor Mechanical Timers

Part Number	Cycles	Volts	Hz	Amps/Watts	HP	FLA/LRA	Master Pk
Outdoor 24-Hour Mechanical Timer							
50011	Up to 24 On/Off settings per day	125V	60Hz	15A/1875W Resistive 8A/1000W Tungsten 8A/Ballast	1/2 HP	-	6
Outdoor 24-Hour Heavy-Duty Mechanical Timer							
50012	Up to 24 On/Off settings per day	125V	60Hz	15A/1875W Resistive 8A/1000W Tungsten 8A/Ballast	3/4 HP	15FLA/90LRA	6
Outdoor 24-Hour Mechanical Photoelectric Timer – Dusk to Dawn or Dusk + 2, 4, 6, or 8 Hours							
2001	7 options	120V	60Hz	8.3A/1000W Tungsten	-	15FLA/90LRA	6

Outdoor Digital Timers

Part Number	Cycles	Volts	Hz	Amps/Watts	HP	FLA/LRA	Master Pk
Outdoor 7-Day Digital Timer							
50014	Up to 20 On/Off per day	125V	60Hz	15A/1875W Resistive 10A/1250W Tungsten 8A/Ballast	1/2 HP	-	6
Outdoor 7-Day Heavy-Duty Digital Timer							
50015	Up to 20 On/Off per day	125V	60Hz	15A/1875W Resistive 15A/1875W Tungsten 8A/Ballast	3/4 HP	15FLA/90LRA	6
Outdoor 24-Hour Digital Light Sensor Timer – Dusk to Dawn or Dusk + 1 to 9 Hours							
50013	Auto On at dusk, Off at dawn	125V	60Hz	15A/1875W Resistive 10A/1250W Tungsten 8A/Ballast	1/2 HP	-	6
24-Hour Digital Block Heater Timer							
50016	1 On/Off setting per day	125V	60Hz	15A/1875W Resistive 10A/1250W Tungsten 8A/Ballast	1/2 HP	-	6

Outdoor Power Stakes

With Built-In Timer

Outdoor Power Stakes with Timer

Turns on/off landscape lighting, holiday decorations and more. Programmable timer has settings that repeat daily, and uses sunlight (with photoelectric eye) to automatically turn on at dusk and off at dawn, or 2, 4, 6, or 8 hours later. The durable flip cover keeps rain and snow away from the timer and outlets.

Part Number	Cycles	Cord Length	Volts	Amps/Watts	Master Pk
3-Outlet Power Stake with Timer					
17321	Auto On at dusk, Off at dawn or On at dusk and Off 2, 4, 6, or 8 hours later	6ft	125V	15A/1875W Tungsten	6
6-Outlet Power Stake with Timer					
13547	Auto On at dusk, Off at dawn or On at dusk and Off 2, 4, 6, or 8 hours later	4ft	125V	15A/1875W Tungsten	6



17321



13547

CONTROLS

Photocell

Plug-In & Hard-Wire

Dusk to dawn lighting controls are the ultimate in convenience, ease-of-use and energy savings. Photocells are available with screw-in, plug-in, twist-lock or hard wire connections, for indoor or outdoor applications. Photo controls are designed to react to natural and artificial lighting which automatically turns lights on at dusk and off at dawn without the need for programming.



59412



59407

Plug-In Photocells

Part Number	Volts	Hz	Amps/Watts	Master Pk
Outdoor Twist-to-Lock Photocell				
59412	110-277V	60Hz	10A/1000W Tungsten 1800VA Ballast	6
Indoor Plug-In Photocell				
59407	120V	60Hz	150W Resistive 100W Tungsten	6

Hard-Wire Photocells



59408



59410



59413

Part Number	Volts	Hz	Amps/Watts	Master Pk
Outdoor Hard-Wire Photocell				
59408	120V	60Hz	500W Tungsten 850VA Ballast	6
Outdoor Hard-Wire Photocell with Wall Plate				
59409	120V	60Hz	500W Tungsten 850VA Ballast	6
Outdoor Conduit Photocell				
59410	120V	60Hz	1800W Tungsten 1100VA Ballast	6
Outdoor Swivel-Mount Light Control with Photocell				
59411	120V	60Hz	1800W Tungsten 1100VA Ballast	6
Outdoor Conduit Pencil Photocell with Swivel				
59413	120V	60Hz	1800W Tungsten 1100VA Ballast	6

Photocell Sockets

Photocell Sockets

Part Number	Volts	Hz	Watts	Master Pk
Indoor Socket with Photocell				
59404	120V	60Hz	100W	6
Outdoor Socket with Photocell				
59405	120V	60Hz	100W	6
Indoor/Outdoor Candelabra Socket with Photocell 3-pack				
59416	120V	60Hz	75W	6
Outdoor Flood/Spot Light Socket with Photocell				
1472	120V	60Hz	300W	6



59404



59405



1472

CONTROLS

Notes

CONTROLS

Along with our Woods line of products, CCI offers a wide variety of high quality products designed for appliances, office spaces, and home and auto use. Products in this space have less significant performance requirements than most of the industrial and commercial products, however have not been limited in their quality. They are designed with appropriate features and performance levels to best fit the application and user.

Appliance Cords – These products are very useful to have available for servicing appliances and in the event of disasters and aiding in recovery efforts. Extension and replacement cords for most standard appliance outlets in a variety of configurations make choosing the right parts easy.

Surge Protectors and Power Strips – Surge protectors are designed to protect electronic products from the damaging effects of a sudden change in electrical voltage. These unforeseen events are caused by sudden changes in electrical demand, such as cycling of heating and cooling equipment or large industrial plant shifts in demand. Surge protectors contain MOVs (Metal Oxide Varistors) which absorb excess electrical energy and prevent it from reaching your sensitive electronic equipment. Most of these surge strips are provided with multiple outlets in a strip form to make connecting and protecting multiple devices easy.

Cube Taps and Extension Cords – These products are for connecting multiple home and office products to one outlet or relocating power to a more remote location. Flat cables, economic designs, and a variety of configurations provide several options to fit many applications.

Booster Cables – Coleman Cable is the market leading manufacturer of booster cables in North America. Road Power® booster cables are available in several different performance and quality levels, from the most robust design with thick insulated jackets and heavy-duty insulated clamps, to the most economical designs.

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Range & Dryer Cords

APPLIANCE/HOME/AUTO



09014



09124



09154

Range & Dryer Cords

Thick vinyl insulation with right angle male plug. Strain relief clamp helps prevent cord damage. Hardware included.

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
Range Cords-Three Conductor, Flat Cord-NEMA 10-50									
09014	6/2 & 8/1	SRDT	Gray	4	Poly Bag	50A	12	20	.73
09015	6/2 & 8/1	SRDT	Gray	5	Poly Bag	50A	12	25	.82
09016	6/2 & 8/1	SRDT	Gray	6	Poly Bag	50A	12	30	.86
Range Cords-Four Conductor, Round Cord-NEMA 14-60									
09044	6/2 & 8/2	SRDT	Black	4	Poly Bag	50A	12	34	1.07
09045	6/2 & 8/2	SRDT	Black	5	Poly Bag	50A	12	42	1.10
09046	6/2 & 8/2	SRDT	Black	6	Poly Bag	50A	12	50	1.25
Dryer Cords-Three Conductor, Flat Cord-NEMA 10-30									
09124	10/3	SRDT	Gray	4	Poly Bag	30A	12	16	.74
09125	10/3	SRDT	Gray	5	Poly Bag	30A	12	17	.77
09126	10/3	SRDT	Gray	6	Poly Bag	30A	12	22	.82
Dryer Cords-Four Conductor, Round Cord-NEMA 14-30									
09154	10/4	SRDT	Black	4	Poly Bag	30A	12	26	1.01
09155	10/4	SRDT	Black	5	Poly Bag	30A	12	22	1.02
09156	10/4	SRDT	Black	6	Poly Bag	30A	12	24	1.17



Replacement Power Supply Cords

Replacement Power Supply Cords

Replacement cords for damaged OEM power supply cords.

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
Two Conductor									
Water/oil resistant, superior abrasion resistance									
09853*~	16/2	SJE0	Black	6	Sleeve	13A	50	18	1.14
09854*~	16/2	SJE0	Black	9	Sleeve	13A	50	25	1.41
Three Conductor									
Water/oil resistant, superior abrasion resistance									
09855*~	16/3	SJE0	Black	6	Sleeve	13A	50	23	1.14
09856*~	16/3	SJE0	Black	9	Sleeve	13A	50	32	1.41
09857*~	14/3	SJE0	Black	6	Sleeve	15A	25	15	1.14
09858*~	14/3	SJE0	Black	9	Sleeve	15A	25	21	1.41
09885*+~	16/3	SJE0	Black	50	Coil	13A	10	32	1.37
Two and Three Conductor Vinyl									
09702	16/2	SJTW	Black	6	Sleeve	13A	25	9	.50
09703	16/3	SJTW	Black	3	Sleeve	13A	25	10	.32
09706	16/3	SJTW	Black	6	Sleeve	13A	25	13	.54
09709	16/3	SJTW	Black	9	Sleeve	13A	25	22	.60
09716	14/3	SJTW	Black	6	Sleeve	15A	25	18	.56
09719	14/3	SJTW	Black	9	Sleeve	15A	25	23	.74
09733	16/3	SPT-3	Gray	3	Sleeve	13A	25	6	.31
09734	16/3	SPT-3	Gray	4	Sleeve	13A	25	9	.28
09736	16/3	SPT-3	Gray	6	Sleeve	13A	25	12	.30
09724**	16/3	SPT-3	Gray	4	Sleeve	13A	25	9	.32
09726**	16/3	SPT-3	Gray	6	Sleeve	15A	25	12	.31
09743	14/3	SPT-3	Beige	3	Sleeve	15A	25	10	.32
09746	14/3	SPT-3	Beige	6	Sleeve	15A	25	18	.54



09703



09724

APPLIANCE/HOME/AUTO

* UL Listed
 **Right Angle Plug
 + L5-20 Male End
 - Made in USA



Cube Taps & Appliance Cords

APPLIANCE/HOME/AUTO



09404



09412



09404

Cube Taps Extension Cords

Plug and three-outlet polarized connector for convenient use. Each connector has a safety cover or slide covers permanently attached.

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
Cube Taps									
09401	16/2	SPT-2	Brown	6	Sleeve	13A	48	15	.67
09402	16/2	SPT-2	Brown	9	Sleeve	13A	36	16	.69
09403	16/2	SPT-2	Brown	12	Sleeve	13A	36	20	.68
09404	16/2	SPT-2	Brown	15	Sleeve	13A	24	16	.50
09405	16/2	SPT-2	Brown	20	Sleeve	13A	24	19	.70
09411	16/2	SPT-2	White	6	Sleeve	13A	48	15	.67
09412	16/2	SPT-2	White	9	Sleeve	13A	36	16	.69
09413	16/2	SPT-2	White	12	Sleeve	13A	36	20	.68
09414	16/2	SPT-2	White	15	Sleeve	13A	24	16	.50
09415	16/2	SPT-2	White	20	Sleeve	13A	24	19	.70
03520-01	16/3	SPT-2	White	8	Sleeve	13A	24	15	.44
03520-07	16/3	SPT-2	Brown	8	Sleeve	13A	24	15	.44
Remote Control Cord									
09345	16/2	SPT-2	White	15	Sleeve	10A	24	26	.66



Ultra Thin Profile Extension Cords

Safety pull ring, outlet covers for when outlet is not in use, and heavy-duty polarized blades.

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating
90501	16/2	SPT-2	White	7	Sleeve	13A
	16/2	SPT-2	Beige	7	Sleeve	13A
90508	16/3	SPT-3	White	10	Sleeve	13A
	16/3	SPT-3	Beige	10	Sleeve	13A
90509	16/2	SPT-2	White	13	Sleeve	13A
	16/2	SPT-2	Beige	13	Sleeve	13A
90511	16/3	SPT-3	White	6	Sleeve	13A
	16/3	SPT-3	Beige	6	Sleeve	13A

Appliance Cords & Workshop Strips

AC & Major Appliance

A/C & Major Appliance Cords

Three-conductor, heavy-duty flat vinyl. Right angle male plug. Sturdy cord for use with air conditioners, power tools and major appliances. Grounded, right-angle, male plugs guard against accidental disconnection.

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
03531	14/3	SPT-3	Beige	3	Sleeve	15A	36	22	.84
03532	14/3	SPT-3	Beige	6	Sleeve	15A	24	20	.58
03533	14/3	SPT-3	Beige	9	Sleeve	15A	18	18	.85
03535	14/3	SPT-3	Beige	12	Sleeve	15A	12	16	.50
03536	14/3	SPT-3	Beige	15	Sleeve	15A	12	19	.62
03537*	14/3	SPT-3	Gray	9	Sleeve	20A/250	18	20	1.05

• NEMA 6-20P Plug and 6-20R Receptacle



03532

Workshop

Part Number	Outlets	Length (Ft)	Color	Package Type	Master Pack	Master Wt.	Master Pack Cube
4 Outlet Metal Power Block							
2177	4	4	Black	Box	4	6.84	0.39
4 Outlet Power Block with GFCI							
04644	4	6	Yellow/Black	Box	4	7.28	0.53
5 Outlet Penta Power							
04921	5	4	Black	Box	6	10.50	0.72
6 Outlet Power Strip with Long Cord							
04666	6	8	Black	Box	12	14.04	0.64
6 Outlet Metal Power Strip with Extra Reach Cord							
04657	6	15	Yellow/Black	Box	6	17.64	0.77
8 Outlet Metal Power Center							
04655	8	6	Yellow/Black	Box	6	15.00	0.86
9 Outlet Metal Power Strip							
04698	9	3	Black	Sleeve	6	13.56	0.85
12 Outlet Metal Power Strip							
04697	12	4	Black	Sleeve	6	15.60	1.17



04644



04697



Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Surge Protectors

9-Outlet & 7-Outlet

APPLIANCE/HOME/AUTO



041653



041604

The surge and strip products in this section guard against power surges and volt spikes only. For surge and strip products with the enhanced protection of TRC® Fire Shield® patented technology, see page 48 in the Safety Products section of this catalog.

9-Outlet Surge Protectors

These 9 outlet surge protectors include 4 transformer outlets, sliding safety covers, surge protection indicator, ground indicator, right angle plug, Blu-Bar™ "Power-On" indicator, lit reset On/Off power / 15A circuit breaker switch and EMI/RFI noise filtration.

Part Number	Joules	Length (Ft)	Color	Warranty	Package Type	Master Pack	Master Wt.	Master Pack Cube
9 Outlet Electronics Surge Protector								
041650	2000	4	Black	\$200,000	Box	3	4.47	0.44
9 Outlet Home Office Surge Protector with Phone / Fax / DSL Protection								
041651	3000	6	Black	\$300,000	Box	3	5.25	0.44
9 Outlet Multimedia Surge Protector with Satellite / Cable and Phone / Fax / DSL Protection								
041652	3000	6	Black	\$300,000	Box	3	5.70	0.44
9 Outlet Multimedia Surge Protector with Satellite / Cable and Network / Phone Protection								
041653	3500	6	Black	\$300,000	Box	3	5.55	0.44



7-Outlet Surge Protectors

These 7 outlet surge protectors include 2 transformer outlets, sliding safety covers, surge protection indicator, ground indicator, right angle plug, lit reset On/Off power / 15A circuit breaker switch and EMI/RFI noise filtration.

Part Number	Joules	Length (Ft)	Color	Warranty	Package Type	Master Pack	Master Wt.	Master Pack Cube
7 Outlet Electronics Surge Protector								
041600	1250	4	Black	\$150,000	Box	6	8.16	0.77
7 Outlet Electronics Surge Protector with Long Reach Cord								
041601	1250	10	Black	\$150,000	Box	6	11.46	0.77
7 Outlet Home Office Surge Protector with Phone / Fax / DSL Protection								
041602	1500	4	Black	\$150,000	Box	4	5.36	0.55
7 Outlet Multimedia Surge Protector with Satellite / Cable Protection								
041603	1500	4	Black	\$150,000	Box	4	5.52	0.55
7 Outlet Multimedia Surge Protector with Satellite / Cable and Phone / Fax / DSL Protection								
041604	2500	6	Black	\$200,000	Box	4	6.32	0.55



Surge Protectors

6-Outlet

6-Outlet Surge Protectors

These 6 outlet surge protectors include sliding safety covers, surge protection indicator, ground indicator, right angle plug, lit reset On/Off power / 15A circuit breaker switch and EMI/RFI noise filtration.

Part Number	Joules	Length (Ft)	Color	Warranty	Package Type	Master Pack	Master Wt.	Master Pack Cube
6 Outlet Electronics Surge Protector								
041453	1000	4	Grey	\$100,000	Box	6	6.96	0.63
041454	1250	4	Grey	\$150,000	Box	6	6.96	0.63
6 Outlet Home Office Surge Protector with Phone / Fax / DSL Protection								
041455	1000	4	Grey	\$150,000	Box	6	7.08	0.63
6 Outlet Multimedia Surge Protector with Satellite / Cable Protection								
041456	1000	4	Grey	\$150,000	Box	6	7.44	0.63



041456



6-Outlet Basic Surge Protectors

These basic 6 outlet electronics surge protectors are best for small home electronics.

Part Number	Joules	Length (Ft)	Color	Warranty	Package Type	Master Pack	Master Wt.	Master Pack Cube
6 Outlet Electronics Surge Protector								
041351	150	1.5	Grey	\$100,000	Sleeve	12	6.48	0.25
041450	250	2	Grey	\$100,000	Sleeve	12	8.64	0.34
041451	450	2.5	Grey	\$100,000	Sleeve	12	9.12	0.34
041452	750	3	Grey	\$100,000	Sleeve	6	4.68	0.34
6 Outlet Electronics Surge Protector - 2 Pack								
041457	200	2.5	Grey	\$100,000	Sleeve	6	4.56	0.34
6 Outlet Electronics Metal Surge Protector								
041522	750	3	Grey	\$100,000	Box	6	8.28	0.63



041450



APPLIANCE/HOME/AUTO

Smart Strips® Surge Protectors

Energy Saving

APPLIANCE/HOME/AUTO



04948

Smart Strip® Surge Protectors

SMART STRIP® Surge Protectors help eliminate “standby power” (also known as vampire power). Standby power is the electricity wasted when household or office electronic equipment are operating in off, sleep, or standby mode. The SMART STRIP® is easy to use and will quickly pay for itself in energy savings for years to come. It features automatic power control plus superior surge protection and include transformer spaced outlets. Some models feature phone, coax, or data connectivity.

Part Number	Description	Joules	Cord Length	Color	Connectivity
04949	6 Outlet SMART STRIP®	2250	3 ft	Black	N/A
04950	6 Outlet SMART STRIP®	2250	3 ft	Black	Phone
04951	6 Outlet SMART STRIP®	2250	3 ft	Black	Coax
04946	10 Outlet SMART STRIP®	3600	4 ft	Black	N/A
04947	10 Outlet SMART STRIP®	3600	4 ft	Black	Phone
04948	10 Outlet SMART STRIP®	3600	4 ft	Black	Phone/2 Coax/Data
04952	10 Outlet SMART STRIP®	6000	6 ft	Black	Phone/3 Coax/Data

Surge Protection

Surge Wall Taps

Part Number	Outlets	Joules	Color	Warranty	Package Type	Master Pack	Master Wt.	Master Pack Cube
Appliance Surge Protector with Alarm								
041000	1	900	Grey	\$100,000	Blister	6	1.14	0.28
Electronics Surge Protector								
041103	3	450	Grey	\$100,000	Blister	6	1.20	0.29
041104	3	750	Grey	\$100,000	Blister	6	1.20	0.29
041151	6	450	Grey	\$100,000	Blister	6	2.04	0.34
041152	6	750	Grey	\$100,000	Blister	6	2.04	0.34
6 Outlet Electronics Side Entry Surge Protector with Alarm								
041203	6	1000	Grey	\$150,000	Blister	6	2.88	0.52
6 Outlet Home Office Surge Protector with Phone / Fax /DSL Protection and Alarm								
041153	6	1000	Grey	\$150,000	Blister	6	2.88	0.67
6 Outlet Multimedia Side Entry Surge Protector with Satellite / Cable and Network / Phone and Alarm								
041204	6	1500	Grey	\$150,000	Blister	6	2.88	0.52



041204

Surge Protection with USB Charge Ports

Surge Protection with USB Charge Ports. Today, many personal electronics devices used are recharged using a USB interface. Protect your Smartphones, MP3 players and Hand-free devices with a Woods USB Surge Protector. Each unit includes 2 USB charge ports and charge indicator.

Part Number	Joules	Length (Ft)	Color	Warranty	Package Type	Master Pack	Master Wt.	Master Pack Cube
2 Outlet Electronics Surge Protector with Removable Charging Platform								
041050	450	—	Black	\$100,000	Blister	6	2.22	0.62
3 Outlet Electronics Surge Protector								
041250	750	1.5	Black	\$100,000	Box	6	5.52	0.51
6 Outlet Electronics Surge Protector								
041500	1500	4	Black	\$150,000	Box	6	8.34	0.77



041250

APPLIANCE/HOME/AUTO

Power Strips & Power Taps

Subhead

APPLIANCE/HOME/AUTO



041300



041550

Power Strips

Conveniently add multiple outlets where needed. All of the below items include a Reset On/Off power and 15A circuit breaker switch.

Part Number	Outlets	Length (Ft)	Color	Package Type	Master Pack	Master Wt.	Master Pack Cube
041300	4	1.5	White	Sleeve	6	2.88	0.21
041350	6	1.5	White	Sleeve	12	6.36	0.45
041400	6	2	White	Sleeve	12	7.32	0.50
041405	6	2.5	White	Sleeve	6	4.56	0.34
041401	6	3	White	Sleeve	12	8.40	0.50
041402	6	4	White	Sleeve	6	4.80	0.30
041403	6	6	White	Sleeve	6	5.94	0.33
041404	6	8	White	Sleeve	6	6.78	0.35
Metal Power Strips							
041550	6	3	Grey	Box	6	7.68	0.55
041551	6	8	Grey	Box	6	10.56	0.58

Power Taps

Convert a standard wall outlet into three or six outlets.



041102



041202

Part Number	Outlets	Color	Package Type	Master Pack	Master Wt.	Master Pack Cube
3 Outlet Polarized Wall Tap						
041100	3	White	Blister	6	0.72	0.16
6 Outlet Polarized Wall Tap						
041200	6	White	Blister	6	1.50	0.28
3 Outlet Wall Tap						
041101	3	White	Blister	6	0.24	0.24
3 Outlet Wall Tap with Glow Light						
041102	3	White	Blister	6	0.84	0.24
6 Outlet Wall Tap						
041150	6	White	Blister	6	1.44	0.33
6 Outlet Side Entry Wall Tap						
041201	6	White	Blister	6	2.16	0.33
6 Outlet Slim Side Entry Wall Tap						
041205	6	White	Blister	12	2.76	0.23
6 Outlet Side Entry Wall Tap with Circuit Breaker						
041202	6	White	Blister	6	2.10	0.33

Road Power® Booster Cables

No-Tangle Light & Medium Duty

Light-Duty Booster Cables

Road Power® Light-Duty Booster Cables feature dual-extruded wire to provide the user with easy, tangle-free operation. Cables are manufactured with a PVC jacket and the 200 AMP clamps are made from copper-plated steel. Light-Duty Booster Cables comes standard in 10 gauge with 12 feet of length. Booster cables are packaged in retail-style sleeves which emphasize product features and benefits.



08435

Part Number	Wire Gauge	Jacket Color	Length (Ft)	Package Type	Pack Qty	Master Wt.	Master Pack Cube
08120	10	Black	12	Sleeve	6	18	.53

Medium-Duty Booster Cables

Road Power® Medium-Duty Booster Cables feature dual-extruded wire to provide the user with easy, tangle-free operation. Cables are manufactured with either a PVC or T-Prene® jacket. While both jackets perform well in warm or cold climates, T-Prene provides additional oil, chemical, and water resistance.

Medium-Duty Booster Cables come standard with 200 AMP copper-plated steel clamps but can easily be stamping, and glow-in-the-dark labels. To ensure the highest levels of user-safety, all energized Polar-Gio™ Clamp surfaces are shielded to avoid short circuits and all conductive clamp surfaces are recessed to prevent accidental contact.

Medium-Duty Booster Cables are available in 8 gauge, either in 12 foot or 16 foot lengths, and packaged in a variety of retail-style formats. Some boosters are UL Listed depending on specific model options.



08467



08435

Part Number	Wire Gauge	Jacket Color	Length (Ft)	Package Type	Pack Qty	Master Wt.	Master Pack Cube
08435*~	8	Yellow	12	Sleeve	6	17	.50
08445*~	8	Yellow	12	Box	4	11	.93
08471*~	8	Yellow	12	Sleeve	6	18	.69
08465	8	Yellow	12	Box	6	24	1.65
08466	8	Yellow	16	Box	6	27	1.22
08467	8	Yellow	12	Bag	2	8	.93

* Does not feature Polar-Gio™ clamps
 ~ Not UL Listed



APPLIANCE/HOME/AUTO



Coleman Cable Inc.

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Road Power® Booster Cables

Heavy-Duty & Extra Heavy-Duty

APPLIANCE/HOME/AUTO



08565

Heavy-Duty Booster Cables

Road Power® Heavy-Duty Booster Cables feature Polar-Gio™ Clamps and T*Prene® jacket insulation. This enhanced line of booster cables ensures the highest levels of user-safety and assures dependability in the most extreme climate conditions.

The Polar-Gio™ Clamp is ergonomically-designed so that it can be easily handled by everyone and it attaches itself firmly to both top and side post batteries. The clamps' triple-polarity identification includes color-coding, indent stamping, and glow-in-the-dark labels. In addition, all energized clamp surfaces are shielded to avoid short circuits and all conductive clamp surfaces are recessed to prevent accidental contact.

T*Prene® insulation was chosen for the wire jacketing material because it remains flexible even under the severest temperatures and is oil, chemical, and water resistant. The 6 gauge wire performs best with small or large automobiles. This line of booster cables is UL Listed.

Part Number	Wire Gauge	Jacket Color	Length (Ft)	Package Type	Pack Qty	Master Wt.	Master Pack Cube
08565	6	Orange	12	Box	6	25	1.67
08566	6	Orange	16	Box	6	30	1.67



Extra Heavy-Duty Booster Cables

Road Power's® Extra Heavy-Duty Booster Cables feature Polar-Gio™ Clamps and T*Prene® jacket insulation. This enhanced line of booster cables ensures the highest levels of user-safety and assures dependability in the most extreme climate conditions.

The Polar-Gio™ Clamp is ergonomically-designed so that it can be easily handled by everyone and it attaches itself firmly to both top and side post batteries. The clamps' triple-polarity identification includes color-coding, indent stamping, and glow-in-the-dark labels. In addition, all energized clamp surfaces are shielded to avoid short circuits and all conductive clamp surfaces are recessed to prevent accidental contact.

T*Prene® insulation was chosen for the wire jacketing material because it remains flexible even under the severest temperatures and is oil, chemical, and water resistant. The 4 gauge wire performs best with any vehicle including cars, trucks, or SUVs. This line of booster cables is UL Listed.



08666

Part Number	Wire Gauge	Jacket Color	Length (Ft)	Package Type	Pack Qty	Master Wt.	Master Pack Cube
08665	4	Red	12	Box	2	33	.76
08666	4	Red	16	Box	2	41	.76
08660	4	Red	20	Box	2	16	.76
08662	4	Red	25	Box	2	20	.76



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Road Power® Booster Cables

Commercial Grade

Commercial Grade Booster Cables

Road Power® Commercial Grade Booster Cables were engineered specifically for the needs of the professional mechanic and feature 500 AMP rated parrot-jaw clamps. Parrot Jaw clamps are manufactured from rugged zinc-plated steel with serrated copper-clad jaws and non-slip vinyl-coated grips. This family of booster cables is constructed with dual-extruded wire to provide the user with tangle-free operation.



08760

Part Number	Wire Gauge	Jacket Color	Length (Ft)	Package Type	Pack Qty	Master Wt.	Master Pack Cube
08765	4	Black	12	Box	2	13	.93
08766	4	Black	16	Box	2	16	.93
08760	4	Black	20	Box	2	18	.93
08860	2	Black	20	Box	2	24	.93
08862	2	Black	25	Box	2	29	.93



Made in USA

Booster Cable Clamps

Part Number	Clamp Rating	Clamp Color	Package Type	Pack Qty	Master Wt.	Master Pack Cube
Vinyl Coated Steel						
400C-2	500 Amp	1 Red and 1 Black	Blister	6	5	.45
Parrot Jaw Clamp						
08904	500 Amp	1 Red and 1 Black	Bag	12	13	.43



400C-2

Primary Bulk Spool Wire

Part Number	Wire Gauge	Length (Ft)	STD Package	Package Weight	Pack Cube
10-100-XX	10	100	6	26	.28
12-100-XX	12	100	6	16	.21
14-100-XX	14	100	6	12	.21
16-100-XX	16	100	6	9	.21
18-100-XX	18	100	6	7	.21



Color (XX): 11=Black; 1=Blue; 14=Yellow; 15=Green; 16=Red; 17=White

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- 104 -

RV/Mobile Home Cords

Cords & Plugs

APPLIANCE/HOME/AUTO



09521



09524



09542



09572

RV/Mobile Home Cords

Includes power supply and extension cords that make any installation easy and safe. These are for use in campgrounds, motor parks and recreational areas. All cords and adapters are black .

Part Number	Cord Length	Cord Type & Gauge	Attachment Plug Male	Cord Connector Female	Bulk Pack	Retail Pack
RV Adapters & Accessories						
09521	-	Adapter	5-15P	30A RV	100	4
09522	-	Adapter	30A RV	5-15R	100	4
09524	-	Right Angle Adapter	5-15P	30A RV	100	12
09523*	-	Replacement Plug	30A RV Plug		-	4
09543*	-	Replacement Plug	50A RV Plug		-	3
Adapter Extension Cord Sets						
09542	18 in.	14/3 STW	5-15P	30A RV	12	6
09544	18 in.	14/3 STW	30A RV	5-15R	12	6
09552	18 in.	10/3 STW	30A RV	50A 14-50R	50	4
09554	18 in.	10/3 STW	50A 14-50P	30A RV	50	4
09553	12in.	10/3 STW Twist-to-Lock Generator Adapter	30A L5-30P	30A RV	50	3
30A & 50A Power Supply Cords						
09575	18 in.	10/3 STW	30A RV	-	50	-
09572	18 in.	10/3 STW	-	30A RV	50	-
09525*	25 ft.	10/3 STW	30A RV	-	10	-
09519*	30 ft.	10/3 STW	30A RV	-	8	-
09516*	36 ft.	10/3 STW	30A RV	-	8	-
09541*	40 ft.	10/3 STW	30A RV	-	6	-
09527*	25 ft.	6/3 & 8/1 STW	50A 14-50P	-	3	-
09530*	30 ft.	6/3 & 8/1 STW	50A 14-50P	-	3	-
09536*	36 ft.	6/3 & 8/1 STW	50A 14-50P	-	3	-
09560*	25 ft.	6/3 & 8/1 Flexible SEW 90C	50A 14-50P	-	3	-
09562*	30 ft.	6/3 & 8/1 Flexible SEW 90C	50A 14-50P	-	3	-
09561*	36 ft.	6/3 & 8/1 Flexible SEW 90C	50A 14-50P	-	3	-
09537*	40 ft.	6/3 & 8/1 Flexible SEW 90C	50A 14-50P	-	3	-
15A, 30A, & 50A RV Extension Cord Sets						
09510	10 ft.	10/3 STW	30A RV	30A RV	20	-
09550	25 ft.	10/3 STW	30A RV	30A RV	10	2
09555	50 ft.	10/3 STW	30A RV	30A RV	5	-
09570*	30 ft.	10/3 STW	30 RV	30 RV	-	2
09590	25 ft.	6/3 & 8/1 SEW	50A 14-50P	50A 14-50R	2	1

* UL Listed

What else does CCI do? We make a lot of wire and cable. Wire and cable for almost any application. We make these products in many different configurations, constructions, and package sizes.

If you don't see exactly what you need, chances are that either we have made it before or can make it. If you do need something special, contact our technical support and inside sales team. We will review your application or need and make a proposal. If your cable product need is truly unique, our manufacturing experts will review how best to make your product and work with you to meet your needs.

Section Index

Bulk Wire	107-108
Ordering Guide	109

We provide bulk wire and cable to high volume users – specially designed to meet any performance demand.

Designed to meet your needs with performance you can depend on.

We adhere to exacting high performance design specifications with technical expertise that makes us a world-class manufacturer. Our capabilities are vast and include the following:

- Numerous identification and marking methods
- Zero-defect 100% electrically tested quality assurance
- Manufacturing that meets worldwide standards approvals
- ISO 9001:2008 certified facilities
- JIT delivery
- Specially designed elastomer & PVC molding
- A variety of insulating and jacketing compounds including highly oil resistant compounds to fully submersible cables

Serving Multiple Applications & Markets:

- Plant Maintenance/MRO
- Industrial & OEM
- Material Handling
- Aircraft Aviation Equipment
- Lighting Systems
- Wind & Solar Energy
- Entertainment
- Marine
- Panel Builders & Harness Assembly
- Food Processing
- Military – DOD
- Submersible Environments
- Security Monitoring and Card Access
- Fire Alarm Systems
- Home Network Systems
- Industrial and Commercial Systems
- Irrigation Systems
- HVAC
- Submersible Pumps
- Mobile Home/Manufactured Housing
- Automotive & Electric Vehicles
- Appliances
- Automation – VFD



POWER
with the best™

Bulk Wire Overview

From stock or by custom design, there's a Coleman Cable to fit your needs.

Examples of cables we offer:

- Portable Cord
- Industrial Flexing Cable
- Special Composite Cable
- Mil-Spec Cable
- Festoon Cables
- Retractable Cords
- Pendant and Reel Cable
- Coax and Electronic Cables
- Geometric Shaped Conductors/Cables
- Tray and Instrumentation Control Cables
- Submersible Cables
- Wind Turbine Cables
- Electric Vehicle Cables
- Aircraft Charging & Boarding Bridge Cables
- Solar Cables
- VFD Cables
- AWG & Metric
- Copper & Bi-Metallic Conductors
- Tin redraw, 10 to 14 AWG, wide range of microinches

We also offer extensive custom capabilities such as:

- Fabricated conductors, bi-metallics, 1000 KcMil to 26 AWG and metricated sizes. Concentric, bunch and flexible custom strandings. Solid Copper Wire 4 to 24 AWG
- Thermoplastic Insulating & Jacketing Compounds: TPE's, PVC's, Polyethylene, Polyurethane, Plenum, Teflon®, low-smoke Zero-Halogen (LS0H) Halar®, Kynar® Thermoset, and more.
- Thermoset Insulating & Jacketing E*Beam Irradiated Compounds: X-Linked, EP, XLP, EPR, CPE, EPDM, Polyolefins and Silicone
- Conductor Colors—both US and European
- Striping—extruded or ink printed
- Band Marking
- Braiding and Shielding—silver flat metallic, copper, tinned copper, aluminum, and non-metallic and textiles
- Jackets for extreme environments
- Armoring—continuous aluminum sheath corrugated or smooth, tapes, braids, serves.
- Custom Assemblies—molded and unassembled
- Performance Specifications Testing
- Private Labeling, Packaging & Kits

*Teflon® is a registered trademark of DuPont.
Kynar® is a registered trademark of Elf Atochem, North America.
Halar® is a registered trademark of Ausimont.*



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Ordering Guide

CAPABILITIES

Put-Up	Ordering Suffix
Reel / 250 feet	04
Reel / 500 feet	05
Reel / 1,000 feet	06
Reel / 1,500 feet	07
Reel / 2,500 feet	09
Reel / 5,000 feet	10

* Other packaging available. Consult factory.

Color	Ordering Suffix
White	01
Yellow	02
Orange	03
Red	04
Green	05
Blue	06
Brown	07
Black	08
Gray	09
Pink	11
Tan	12
Purple	13

* Other colors and stripe available. Consult factory.

Part Number Convention

x
x
x
x
x
 —
 x
x
 —
 x
x

Example:

If you wish to order: 12/3 Seoprene® Portable cord in black on 1000' reel.

Your order code would be:

2
2
3
2
8
 —
 0
6
 —
 0
8

What is a Lumen? What is the difference between a NEMA 5-15 and an L5-20? How does a GFCI protect me while I am working? How do I de-rate my power cords?

Hopefully, these questions and many more will be answered in this section. We have compiled information on most of the questions asked by you, our customer. We loaded technical data, definitions, charts, and references for your convenience.

If you still don't find what you are looking for, you can always contact our inside sales and technical support teams. We are standing by to help with your product, order, and industry questions.

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NEMA Type Designations

"NEMA" Types From UL50 & UL508

Environmental ratings for enclosures based on "NEMA" Type designations

Enclosure Type Designation	Intended Use and Description
1	Indoor use primarily to provide a degree of protection against limited amounts of falling dirt.
2	Indoor use primarily to provide a degree of protection against limited amounts of falling dirt and water.
3	Outdoor use primarily to provide a degree of protection against rain, sleet, wind blown dust and damage from external ice formation.
3R	Outdoor use primarily to provide a degree of protection against rain, sleet, and damage from external ice formation.
3S	Outdoor use primarily to provide a degree of protection against rain, sleet, windblown dust and to provide for operation of external mechanisms when ice laden.
4	Indoor or outdoor use primarily to provide a degree of protection against windblown dust and rain, splashing water, hose-directed water and damage from external ice formation.
4X	Indoor or outdoor use primarily to provide a degree of protection against corrosion, windblown dust and rain, splashing water, hose-directed water, and damage from external ice formation.
5	Indoor use primarily to provide a degree of protection against settling airborne dust, falling dirt, and dripping noncorrosive liquids.
6	Indoor or outdoor use primarily to provide a degree of protection against hose-directed water, and the entry of water during occasional temporary submersion at a limited depth and damage from external ice formation.
6P	Indoor or outdoor use primarily to provide a degree of protection against hose-directed water, the entry of water during prolonged submersion at a limited depth and damage from external ice formation.
7	Indoor use in locations classified as Class I, Division 1, Groups A, B, C or D hazardous locations as defined in the National Electric Code (NFPA 70) (Commonly referred to as explosion-proof).
8	Indoor or outdoor use in locations classified as Class I, Division 2, Groups A, B, C or D hazardous locations as defined in the National Electric Code (NFPA 70) (commonly referred to as oil immersed).
9	Indoor use in locations classified as Class II, Division 1, Groups E, F and G hazardous locations as defined in the National Electric Code (NFPA 70) (commonly referred to as dust-ignition proof).
10	Intended to meet the applicable requirements of the Mine Safety and Health Administration (MSHA).
12 & 12K	Indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping noncorrosive liquids.
13	Indoor use primarily to provide a degree of protection against dust, spraying of water, oil, and noncorrosive coolant.

a.) ANSI/UL50, Enclosures for Electrical Equipment for Types 1, 2, 3, 3R, 3S, 4, 4X, 5, 6, 6P, 12, 12K and 13.

b.) ANSI/UL698, Industrial Control Equipment for Use in Hazardous (Classified) Locations and other related standards for Types 7, 8 and 9.

c.) ANSI/NEMA250, Enclosures for Electrical Equipment (1000 Volts Maximum) for Types 1, 2, 3, 3R, 3S, 4, 4X, 5, 6, 6P, 7, 8, 9, 12, 12K and 13.

"NEMA" Types & "IP" Code Designations

Comparison of "NEMA" Type and "IP" Code Designations

Conversion of "NEMA" Type to "IP" Code Designations*

Type Number	IP Designation
1	IP10
2	IP11
3	IP54
3R	IP54
3S	IP54
4 & 4X	IP56
5	IP52
6 & 6P	IP67
12 & 12K	IP52
13	IP54

*Table cannot be used to convert "IP" Codes to "NEMA" Types.
See NEMA 250 for additional details.

IP Rating System

Characteristics defined by the IEC per Standard 60529.

First Digit		Second Digit	
Protection against persons - touching and ingress of solid foreign objects		Protection against the penetration of liquids	
IP 0_	Without protection	IP _0	Non protected
IP 1_	Protection against touching with the hand and solid objects greater than 50mm dia.	IP _1	Protection agains vertical falling of water drops
IP 2_	Protection against touching with the finger and solid objects greater than 12mm dia.	IP _2	Protection against falling of water drops at an angle up to 15° from the vertical
IP 3_	Protection against touching with tools, wires, etc. more than 2.5mm thick and solid objects greater than 2.5mm dia.	IP _3	Protection against spraying water (rain) at an angle up to 60° from the vertical
IP 4_	Protection against touching with tools, wires, etc. more than 1mm thick and solid objects greater than 1mm dia.	IP _4	Protection against splashing water fom any direction (360°)
IP 5_	Unlimited protection against contact with live parts and damaging deposits of dust	IP _5	Protection against water jets from any direction (360°)
IP 6_	Unlimited protection against contact with live parts and any penetration of dust	IP _6	Protection against heavy seas (waves)
—		IP _7	Protection against effects of immersion in water under defined conditions of pressure and time
—		IP _8	Protection against continuous submersoin in water

		Second Digit									
		IP _0	IP _1	IP _2	IP _3	IP _4	IP _5	IP _6	IP _7	IP _8	
First Digit	IP 0_	IP 00									
	IP 1_	IP 10	IP 11	IP 12							
	IP 2_	IP 20	IP 21	IP 22	IP 23						
	IP 3_	IP 30	IP 31	IP 32	IP 33	IP 34					
	IP 4_	IP 40	IP 41	IP 42	IP 43	IP 44					
	IP 5_	IP 50				IP 54	IP 55				
	IP 6_	IP 60					IP 65	IP 66	IP 67	IP 68	

In some countries a third digit (fr mechanical security) is added.

NEMA Chart

TECHNICAL

Volt	Line #	15 Ampere		20 Ampere		30 Ampere		50 Ampere		60 Ampere	
		Connection	Plug	Connection	Plug	Connection	Plug	Connection	Plug	Connection	Plug
2 Pole, 2 Wire											
125V	1	1-15R	1-15P	-	-	-	-	-	-	-	-
250V	2	2-15R	2-15P	2-20R	2-20P	2-30R	2-30P	-	-	-	-
2 Pole, 3 Wire, Grounding											
125V	5	5-15R	5-15P	5-20R	5-20P	5-30R	5-30P	5-50R	5-50P	-	-
250V	6	6-15R	6-15P	6-20R	6-20P	6-30R	6-30P	6-50R	6-50P	-	-
277V	7	7-15R	7-15P	7-20R	7-20P	7-30R	7-30P	7-50R	7-50P	-	-
3 Pole, 3 Wire											
125/250V	10	-	-	10-20R	10-20P	10-30R	10-30P	10-50R	10-50P	-	-
3 ϕ Δ 250V	11	11-15R	11-15P	11-20R	11-20P	11-30R	11-30P	11-50R	11-50P	-	-
3 Pole, 3 Wire, Grounding											
125/250V	14	14-15R	14-15P	14-20R	14-20P	14-30R	14-30P	14-50R	14-50P	14-60R	14-60P
3 ϕ Δ 250V	15	15-15R	15-15P	15-20R	15-20P	15-30R	15-30P	15-50R	15-50P	15-60R	15-60P
4 Pole, 4 Wire											
3 ϕ Y 120/208V	18	18-15R	18-15P	18-20R	18-20P	18-30R	18-30P	18-50R	18-50P	18-60R	18-60P
Locking Plugs & Receptacles											
125V	L1	L1-15R	L1-15P	-	-	-	-	-	-	-	-
250V	L2	-	-	L2-20R	L2-20P	-	-	-	-	-	-
125V	L5	L5-15R	L5-15P	L5-20R	L5-20P	L5-30R	L5-30P	-	-	-	-
250V	L6	L6-15R	L6-15P	L6-20R	L6-20P	L6-30R	L6-30P	-	-	-	-
277V, A.C.	L7	L7-15R	L7-15P	L7-20R	L7-20P	L7-30R	L7-30P	-	-	-	-
480V	L8	-	-	L8-20R	L8-20P	L8-30R	L8-30P	-	-	-	-
800V	L9	-	-	L9-20R	L9-20P	L9-30R	L9-30P	-	-	-	-
125/250V	L14	-	-	L14-20R	L14-20P	L14-30R	L14-30P	-	-	-	-

Load Values & Color Codes

Full Load Current Values

Current values based on Usual Speed and Normal Torque.

Motor Horse Power AC	Rated Motor Voltage — 110V to 120V			Rated Motor Voltage — 220V to 240V		
	Direct Current	Single-Phase AC	Three-Phase (Induction AC)	Direct Current	Single-Phase AC	Three-Phase (Induction)
.25	2.9	5.8	—	1.5	2.9	—
.33	3.6	7.2	—	1.8	3.5	—
.25	5.2	9.8	4.0	2.6	4.9	2.0
3.4	7.4	13.8	5.6	3.7	6.9	2.8
1	9.4	16.0	7.2	4.7	8.0	3.6
1.5	13.2	20.0	10.4	6.6	10.0	5.2
2	17.0	24.0	13.6	8.5	12.0	6.8
3	25.0	34.0	—	12.2	17.0	9.6
4	40.0	56.0	—	20.0	28.0	15.2
7.5	58.0	80.0	—	29.0	40.0	22.0
10	76.0	100.0	—	38.0	50.0	28.0

For full load currents of 206V and 200V motors, increase corresponding 220V value above by 6% and 10% respectively.

Current Carrying Capacity of Flexible Cords

Based on Ambient Temperature of 30°C (86°F).

AWG Wire Size	Thermoplastic Types:		Types: HPD, HPN, HSJ, HSO
	ST, STO, SJT, SJTO, SVT, SVTO, SPT	A†	
18		7	10
17		—	12
16		10	15
14		15	20
12		20	30
10		25	35
8		35	—
6		45	—

Amperage shown is for not more than three conductors in a cord. If cord has from four to six conductors, decrease the values show.

† The ampacities under subheading “A” are applicable to three-conductor cords and four-conductor cords with three conductors carrying current.

The ampacities under subheading “B” are applicable to two-conductor cords and three-conductor cords with two conductors carrying current.

Note: On extension cords over 50 feet, derate by two wire sizes.

Conductor Color Codes

Function	NA — North America (US / Canada)	IEC — International
L = Line (Hot)	Black	Brown
N = Neutral	White	Light Blue
E = Earth (Ground)	Green or Green / Yellow	Green / Yellow
4 th Conductor	Red	—
5 th Conductor	Yellow	—
6 th Conductor	Orange	—

Wiring Devices

TECHNICAL

Selecting the Proper Cord Size

1. Determine the load ampacity requirements.
2. Read across for the number of current carrying conductors.
3. Read down until the value meets or exceeds the requirements established in Step 1.
4. Read back across to left to determine the appropriate size cord.

AWG	2 Current-Carrying Conductors	3 Current-Carrying Conductors	4-6 Current-Carrying Conductors
22	3A	3A	3A
18	10A	7A	5A
16	13A	10A	8A
14	18A	15A	12A
12	25A	20A	16A
10	30A	25A	20A
8	40A	35A	28A
6	55A	45A	36A
4	70A	60A	48A
2	95A	80A	64A

¹ In determining cord capacity, count only those conductors that are current-carrying. The grounding conductor is not counted.

Nominal Cord Diameter²

AWG	2 Conductors	3 Conductors	4 Conductors	5 Conductors
22	0.215 – 0.235"	0.215 – 0.235"	0.240 – 0.260"	0.250 – 0.270"
18	0.340 – 0.385"	0.360 – 0.400"	0.385 – 0.430"	0.460 – 0.510"
16	0.365 – 0.410"	0.385 – 0.430"	0.410 – 0.460"	0.490 – 0.550"
14	0.495 – 0.550"	0.520 – 0.575"	0.560 – 0.620"	0.630 – 0.705"
12	0.565 – 0.625"	0.590 – 0.655"	0.640 – 0.710"	0.700 – 0.770"
10	0.615 – 0.685"	0.650 – 0.720"	0.700 – 0.775"	0.760 – 0.840"
8	0.780 – 0.880"	0.830 – 0.930"	0.925 – 1.050"	1.000 – 1.150"
6	0.920 – 1.050"	0.970 – 1.100"	1.050 – 1.200"	1.180 – 1.330"
4	1.060 – 1.210"	1.130 – 1.280"	1.250 – 1.450"	—
2	1.210 – 1.400"	1.300 – 1.500"	1.450 – 1.650"	—

² Cord types S, SE, S00, S0, SE0, ST, ST00, and ST0. Information for 2- through 18-AWG cord taken from U.L. Standard 62 "Flexible Cord and Fixture Wire". Information for 22-AWG cord based on Standard Cord.

Note: For further information, consult Table 400-5 of the National Electrical Code.

OSHA Rules & Regulations

OSHA 1926.56

Construction areas, ramps, runways, corridors, offices, shops, and storage areas shall be lighted to not less than the minimum illumination intensities listed in the table below while any work is in progress:

Table: Minimum Illuminations (in Foot-Candles)

Foot - Candles	Area of Operation
5	General construction area lighting.
3	General construction areas, concrete placement, excavation and waste areas, access ways, active storage areas, loading platforms, refueling, and field maintenance areas.
5	Indoors: warehouses, corridors, hallways, and exitways.
5	Tunnels, shafts, and general underground work areas: (Exception: minimum of 10 foot-candles is required at tunnel and shaft heading during drilling, mucking, and scaling. Bureau of Mines approved cap lights shall be acceptable for use in the tunnel heading)
10	General construction plant and shops (e.g., batch plants, screening plants, mechanical and electrical equipment rooms, carpenter shops, rigging lofts and active store rooms, mess halls, and indoor toilets and workrooms.)
30	First aid stations, infirmaries, and offices.

1926.56(b)

Other areas. For areas or operations not covered above, refer to the American National Standard A11.1-1965, R1970, Practice for Industrial Lighting, for recommended values of illumination.

NEC 2008 410.73.f.5

(5) Metal Halide lamp Containment. Luminaires (fixtures) that use a metal halide lamp other than thick-glass parabolic reflector lamp (PAR) shall be provided with a containment barrier that encloses the lamp, or shall be provided with a physical means that allows only the use of a lamp that is Type O.

OSHA Rule Expands Requirements for GFCI Use

Are You Compliant?

TECHNICAL

An important change in OSHA Regulations in 2007 has broadened the requirements for using portable GFCI's in most industries.

Overview

Mandatory use of portable Ground Fault Circuit Interrupters (GFCI's) began in the 1970's not long after the Occupational Safety and Health Administration (OSHA) was formed by an Act of Congress. The first requirements for GFCI use resulted from an OSHA mandate applying to **Construction Industry** businesses. The mandate required the use of GFCI's whenever "temporary power" was used on the jobsite. The resulting use of GFCI's in construction work has saved many workers' lives in the intervening years since the mandate was issued.

Capitalizing on the **Construction Industry** safety benefits realized, new regulations which went into effect in August, 2007 extended GFCI-use requirements for the first time to OSHA's **General Industry** category of businesses which cover most of the rest of U.S. industry with the exception of agriculture, mining and maritime. Now, in order to comply with OSHA Regulations, a great deal of maintenance, remodeling or repair activities, involving buildings, structures or equipment must be done with workers using GFCI protected equipment.

The new activities for which OSHA has mandated the use of GFCI's cover a large segment of industrial functions having "construction-like" characteristics such as are found in MRO, facilities engineering and disaster preparedness and recovery disciplines. Industries covered include product and materials manufacturing, automotive manufacturing, breweries and bottling plants, chemical and petrochemical processing, food processing and many others.

Previously, most portable GFCI extension cords, quad boxes and other ground fault protection equipment have been bought by construction and electrical contractors. Distributors will now find many new opportunities for GFCI sales with their industrial customers.

Background

OSHA's scope of regulation covers three major business areas; the **Construction Industry**, the **Maritime Industry** and a third category, **General Industry**, which covers most other business enterprises except for those in mining and agriculture which are overseen by other government agencies. OSHA's regulations are Federal Law and are contained in the U.S. Government's Code of Federal Regulations (CFR). Violations of OSHA regulations can subject companies to legal action and fines.

Prior to the most recent update, OSHA's **General Industry** electrical regulations (29CFR1910, Subpart S) were last updated in August 1990 and were based on Part I of the National Fire Protection Association's NFPA 70E Standard entitled **Electrical Safety Requirements for Employee Workplaces** (1988 Edition). OSHA's **Construction Industry** electrical regulations (29CFR1926, Subpart K) were last updated in 1986. NFPA 70E provides practical application to OSHA requirements. Numerous enhancements in technology have occurred since these regulations were last revised.

In an effort to bring its regulations up to date, OSHA published new **General Industry** regulations in 2007 based on Part I of the 2000 Edition of NFPA 70E. In doing so, and in response to requests from industry stakeholders, OSHA has provided **General Industry** companies with new rules that reflect more current versions of NFPA 70E and the National Electrical Code (NEC). In fact, until they are updated in the future, the **General Industry** rules regarding GFCIs are now more up-to-date than those for the **Construction Industry**.

OSHA Rule Expands Requirements for GFCI Use

Are You Compliant?

Regulations

Set forth below are the actual citations from OSHA's **General Industry** regulations that were issued in 2007. Keep in mind that prior to the issuance of these new regulations, OSHA did not require the use of GFCIs for construction-like work performed by **General Industry** companies.

From 29CFR1910, Subpart S, Article 1910.304(b)(3)

Ground-fault circuit interrupter protection for personnel

1910.304(b)(3)(i)	All 125 Volt, single-phase, 15 and 20 Ampere receptacles installed in bathrooms or on rooftops shall have ground fault circuit interrupter protection for personnel.
1910.304(b)(3)(ii)	The following requirements apply to temporary wiring installations that are used during construction-like activities, including certain maintenance, remodeling, or repair activities involving buildings, structures or equipment.
1910.304(b)(3)(ii)(A)	All 125 Volt, single-phase, 15, 20, and 30 Ampere receptacle outlets that are not part of the permanent wiring of the building or structure and that are in use by personnel shall have ground fault circuit interrupter protection for personnel. Note 1 to paragraph (b)(3)(ii)(A) of this section: A cord connector on an extension cord set is considered to be a receptacle outlet if the cord set is used for temporary electric power. Note 2 to paragraph (b)(3)(ii)(A) of this section: Cord sets and devices incorporating the required ground fault circuit interrupter that are connected to the receptacle closest to the source of power are acceptable forms of protection.
1910.304(b)(3)(ii)(B)	Receptacles other than 125 Volt, single-phase, 15, 20, and 30 Ampere receptacles that are not part of the permanent wiring of the building or structure and that are in use by personnel shall have ground fault circuit interrupter protection for personnel.
1910.304(b)(3)(ii)(C)	Where the ground fault circuit interrupter protection required by paragraph (b)(3)(ii)(B) of this section is not available for receptacles other than 125 Volt, single-phase, 15, 20, and 30 Ampere, the employer shall establish and implement an assured equipment grounding conductor program covering cord sets, receptacles that are not a part of the building or structure, and equipment connected by cord and plug that are available for use or used by employees on those receptacles.

Note:

The second and third articles highlighted above in red pertain directly to the subject of this bulletin. The first article is a general requirement and the last two articles pertain to a significant expansion of GFCI requirements for applications at voltages greater than 125V and 30A.

TRC is an internationally recognized leader in electrical safety products that protect equipment, prevent electrical fires and protect against electrocution and serious injury from electrical shock.

AB: Butyl rubber insulated, high-voltage cable.

ABC: 600 volt rated, BX-armored building wire with PVC insulation. Formerly referred to as Armored Brush Cable.

Abrasion Resistance: Ability of a wire, cable or material to resist surface wear.

AC: Flexible metal tape armored cable for branch circuit & feeder cable applications.

Accelerated Aging: A test in which voltage, temperature, etc. are increased above normal operating values to obtain observable deterioration in a relatively short period of time.

ACR: Corona resistant insulation.

ACS: American Chemical Society.

ACSR: Aluminum conductor, steel reinforced.

ACT: Armored cable that contains plastic insulated conductors.

ACU: Armored cable that contains latex rubber insulated conductors.

ACV: Varnished cambric insulation, PVC interlocked armor. 5000 Volts.

Aerial Cable: A cable suspended in the air on poles or other overhead structure.

AF: Asbestos insulated, single solid or stranded conductor fixture wire. Impregnated with moisture resisting, flame retarding compound. With or without braid. 300V, 150°C.

AFS: Two-or-three-conductor, heat resistant cord with impregnated-asbestos insulation and rubber jacket. For use in damp locations. 300V.

AFSJ: Same as AFS but for lighter (junior) service. 300V.

AGS: Solid, stranded or flexible nickel conductor, silicone-impregnated asbestos.

AI: Appliance wire same as type A, but moisture resistant as well as heat and flame resistant; dry locations only. Without braid. 300V, 125°C.

AL or **ALS:** Used as a suffix to denote a wire or cable having an aluminum sheath.

Aliphatic: Organic compound that is not aromatic (it lacks a particular arrangement of atoms in its molecular structure). Memory Trick: Aliphatic hydrocarbons are major components in material such as gasoline and oil-based paints.

Alkall: Soluble salt consisting of potassium or sodium carbonate.

Alkane: Any of numerous saturated hydrocarbons (also called paraffin).

Alkene: Any of numerous unsaturated hydrocarbons having one double bond (such as ethylene).

Alloy: A metal formed by combining two or more different metals to obtain desirable properties.

Alternating Current: electric current that continually reverses its direction. It is expressed in cycles per second (hertz or Hz).

Ambient Temperature: The temperature of a medium surrounding an object.

American Wire Gauge (AWG): A standard system for designating wire diameter. Primarily used in the United States.

Ampacity: The amount of current (electrical flow) a conductor can carry. The larger the wire size, the greater the amount of current. Current is expressed in amperes (AMP).

Ampere: The unit of current. One ampere is the current flowing through one ohm of resistance at one volt potential.

AN: Aircraft wire.

Analog: Representation of data by continuously variable quantities.

Annealed Wire: Wire which after final drawdown, has been heated and slowly cooled to remove the effects of cold working.

ANSI: American National Standards Institute.

ASA: American Standards Association. Former name of ANSI.

Anti-Oxidant: A substance which prevents or slows down oxidation of material exposed to heat.

ASE: Service entrance cable, above or below ground use. Some constructions suitable for under ground use. Flame retardant, moisture resistant, abuse resistant covering.

ASME: American Society of Mechanical Engineers.

ASTM: American Society for Testing and Materials.

Attenuation: Power loss in an electrical system. In cables, generally expressed in dB per unit length.

AV or **AVC:** Asbestos and varnished-cambric insulated, with asbestos or glass braid. 600V, 110°C.

AVA: Impregnated asbestos and varnished-cambric insulated, with asbestos or glass braid.

AVB: Same as AVA, but with cotton braid. 600V, 90°C.

Glossary

AVL: Same as AVA, except lead sheath replaces asbestos or glass braid. 600V, 110°C; 5000V, 100°C.

AVPD: Two- or three- conductor heat and moisture resistant cord, asbestos and varnished-cambric insulation with asbestos braid. Round construction, flame retardant, moisture resistant finish. For use in damp locations. 600V, 110°C.

AVPO: Same as AVPD, but two-conductor flat construction.

AWG: American Wire Gauge. Based on the circular mil system. 1 mil equals 0.001".

AWM: Appliance Wiring Material.

B: Same as AVC. Motor lead wire.

Band Marking: A continuous circumferential band applied to a conductor at regular intervals for identification.

Bandwidth: The difference between the upper and lower limits of a given band of frequencies. Expressed in Hertz (Hz).

Balanced Circuit: A circuit so arranged that the impressed voltages on each conductor of the pair are equal in magnitude but opposite in polarity with respect to Ground.

BDC: Plastic bus drop cable.

Bend Radius: The radius of curvature that a wire or cable can bend without causing any damaging effects.

Binder: A spirally served tape or thread used for holding assembled cable components in place awaiting subsequent manufacturing operations.

Bit Error Rate (BER): Discrepancy between outgoing and incoming bits transmitted between.

Bond Strength: Amount of adhesion between surfaces, such as when surfaces are cemented together.

Braid: A fibrous or metallic group of filaments interwoven in cylindrical form to form a covering over one or more wires.

Braid Angle: The smaller of the two angles formed by the shielding strand and the axis of the cable being shielded.

Braid Carrier: A spool or bobbin on a braider which holds one group of strands or filaments consisting of a specific number of ends. The carrier resolves during braiding operations.

Braid Ends: The number of strands used to make up one carrier. The strands are wound side by side on the carrier bobbin and are laid parallel in the finished braid.

Breakdown Voltage: The voltage at which the insulation between two conductors is destroyed.

Breakout: The point at which a conductor or group of conductors is separated from a multiconductor cable to complete circuits at various points along the main cable.

BS6746: British Standard for PVC insulation and sheath of electric cable.

Bunch Stranding: A group of wires of the same diameter twisted together without a predetermined pattern.

Butyl: Synthetic rubber polymer.

BW: Braided wire armor. Basket weave.

BX: Armored building wire, 600V.

C: Lamp cord, two or more conductors twisted together. Rubber insulation, cotton braid for pendant or portable use in dry places. Not overall covering. 300V or 600V, 60°C. For pendant or portable use in dry places. Not overall covering. 300V or 600V, 60°C.

Cable Assembly: A length of fiber optic cable with connectors on one or both ends.

Cable Track (C-Track): Flexible plastic or metallic tray, used to guide and protect cables in high speed motion applications.

Cable Tray: See "Cable Track".

CAC: Flexible copper synthetic tapes, felted asbestos and lacquered braid. 1000V, 125°C.

CAD: Computer Aided Design.

CAM: Computer Aided Manufacturing.

Cambric: Cotton cloth tape coated with an insulation varnish used on extremely high voltage conductors.

Capacitance: The storage of electrically separated charges between two conductor surfaces having different potentials. The value depends upon the surface area of the conductors and the distance between them. Capacitance is expressed in Pico farad per foot (pF/ft).

Carrier Frequency: The Electromagnetic wave Frequency selected to transmit information. Optical carrier Frequency is from the infrared, visible range or ultraviolet spectrum (1012 Hz and above).

CATV: Community Antenna Television. For general use within buildings in accordance with NEC Article 820.

CATVP: Community Antenna Television. For use within buildings in ducts, plenums or other spaces used for environmental air in accordance with NEC Article 820.

CATVR: Community Antenna Television. For use within buildings in vertical shafts in accordance with NEC Article 820.

CATVX: Community Antenna Television. For limited use within buildings in accordance with NEC Article 820.

CB: Rubber-insulated brewery cord, with weatherproof braid on each conductor. Twisted, no overall covering.

CBO: Polychloroprene-insulated brewery cord for use in damp locations.

CCTV: Closed Circuit Television.

CE: (Conformité Européenne) is a European Economic Community approval indicating that a product complies with a European Directive. retardant, moisture resistant covering. Overall polychloroprene sheath. 60°C - 75°C.

Cellular (Foam) Polyethylene: Expanded or "foam" polyethylene consisting of individual closed cells suspended in a polyethylene medium.

CENELEC: European Economic Community Committee for Standardization of technical requirements.

Certificate of Compliance (C of C):

A certificate which is normally generated by a Quality Control Department, which shows that the product being shipped meets the customer's specifications.

Certified Test Report (CTR): A report providing actual test data on a cable. Tests are normally run by a Quality Control Department, which shows that the product being shipped conforms to test specifications.

CF: Fixture wire, heat resistant, with flame retardant, moisture resistant impregnated cotton insulation. With or without plain or fancy cotton or rayon braid. 300V, 90°C.

CFC: Two or three CF type wires twisted together without overall covering. Color-coded. 300V, 90°C.

CFPD: Two or three CF type wires twisted together with overall covering. Color-coded. 300V, 90°C.

CFPO: Two CF type wires laid parallel with overall braid. Color-coded. 300V, 90°C.

Characteristic Impedance: The ration of voltage to current at each point along a transmission line on which there are no standing waves. Characteristic impedance is expressed in Ohms (C).

Circular MIL: The area of a circle on mil (.001") in diameter; 7.845×10^{-7} sq. in. Used in expressing wire cross sectional area.

CL2: Cable intended for use in class 2 circuits within a building in accordance with NEC Article 725.

CL2P: NEC Article 725 Class 2 Plenum remote control, signaling and power-limited cables. Meets UL 910 (Steiner Tunnel Test) for Class 2 systems.

CL2R: NEC Article 725 Class 2 Riser remote control, signaling and power-limited cables. Meets Riser Flame test for Class 2 systems.

CL2X: NEC Article 725 Class 2 Dwelling remote control, signaling and power-limited cables. Meets VW-1 flame test for Class 2 systems.

CL3: Cable intended for use in class 3 circuits within a building in accordance with NEC Article 725.

CL3P: NEC Article 725 Plenum remote control, signaling and power-limited cables. Meets UL 910 (Steiner Tunnel Test) for Class 3 systems.

CL3R: NEC Article 725 Class 3 Riser remote control, signaling a power-limited cables. Meets Riser Flame test for Class 3 systems.

CL3X: NEC Article 725 Class 3 Dwelling remote control, signaling power-limited cables. Meets VW-1 flame test for Class 3 systems.

CM: NEC Article 725 Communications Wires and Cables General Purpose. Meets Vertical Tray flame test for communications systems.

CMG: NEC Article 725 Communications Wires and Cables General Purpose.

CMP: NEC Article 725 Communications Wires and Cables Plenum. Meets Steiner Tunnel Test for communications systems.

CMR: NEC Article 725 Communications Wires and Cables Riser. Meets Riser flame test for communications systems.

CMUC: Indicates cable for under carpet use in accordance with section 800.53(E)(6) of the NEC.

CMX: NEC Article 725 Communications Wires and Cables Dwellings. Meets VW-1 flame test for communications systems.

Cold Flow: Deformation of the insulation due to mechanical force or pressure (not due to heat softening).

Collected Volatile Condensable Material (%CVCM): The percent of the original sample weight that condenses on a cold receiver in the test apparatus.

Common Axis Cabling: In multiple cable constructions, a twisting of all conductors about a "common axis" with two conductor groups then selected as pairs. This practice yields smaller diameter constructions than does a separate axis construction, but tends to yield greater susceptance to EMI and ESI.

Glossary

Common Mode: (Noise), caused by a difference in “group potential”. By ground at either end rather than both ends (usually grounded at source) one can reduce this interference.

Concentric Stranding: A central wire surrounded by one or more layers of helically wound strands in a fixed round geometric arrangement.

Concentricity: In a wire or cable, the measurement of the location of the center of the conductor with respect to the geometric center of the surrounding insulation.

Conductance (G): The ability of a conductor to carry an electrical charge. The ratio of the current flow to the potential difference causing the flow. The reciprocal of resistance. Conductance is expressed in siemens (S).

Conductivity: The capability of a material to carry electrical current – usually expressed as a percentage of copper conductivity (copper being 100%).

Conductor: An uninsulated wire suitable for carrying electrical current.

Conformite Europeenne (CE): Is a European Community approval indicating that a product complies with a European Directive.

Continuous Vulcanization: Simultaneous extrusion and curing of Elastomeric wire coating materials.

Control Cable: A multiconductor cable made for operation in control or signal circuits.

Copolymer: A compound resulting from the polymerization of two different monomers.

Copper-Clad: Steel with a coating of copper welded to it.

Corona: The ionization (charging) of air around a conductor within an insulation material due to high voltage levels.

Corrosion: The deterioration of a material by chemical reaction or galvanic action.

Crazing: The minute cracks on the surface of plastic materials.

CRCS: Continuous Rigid Cable Support; synonymous with a tray.

Creep: The dimensional change with time of a material under load.

Cross-linked: A term denoting intermolecular bonds between long chain Thermoplastic polymers, affected by chemical or irradiation techniques.

CRT: Cathode Ray Tube; common terminology for a video display terminal. Also referred to as VDU or VDT.

CSA: Canadian Standards Association.

C Track: A cable guide mechanism manufactured of either plastic or metal used in continuous flexing applications.

Cut-Through Resistance: The ability of a material to withstand mechanical pressure, (usually a sharp edge or small radius) without separation.

CV: Continuous Vulcanization. Simultaneous extrusion and vulcanization of wire coating materials.

CX: Two conductor, #18 AWG, rubber-insulated, twisted Christmas tree cord. 300V.

CXT: Two conductor, #18, plastic-insulated, twisted Christmas tree cord. 300V.

Cycle Life: The number of repetitive flex motions that a wire or cable can withstand prior to breakdown.

D: Used as a suffix to indicate a twin wire with two insulated conductors laid parallel under an outer, non-metallic covering.

DBS: Acronym meaning Digital Broadcast System.

Decibel (dB): A unit to express differences of power level. A term that expresses two power levels used to indicate gains or losses in a system.

Derating Factor: A factor used to reduce the current carrying capacity of a wire when used in environments other than that for which the value was established.

Dielectric: Any insulating material between two conductors, which permits Electrostatic attraction and repulsion to take place across it.

Dielectric Constant (ε): The ratio of the capacitance using the material in question as the Dielectric, to the capacitance resulting when the materials is replaced by air.

Dielectric Strength: The voltage which an insulation can withstand before breakdown occurs. Usually expressed as a voltage gradient (such as volts per mil).

Direct Current (DC): An electric current which flows in one direction.

DR: Rubber range and dryer cord (CSA).

Drain Wire: In a cable, the uninsulated wire in intimate contact with a shield to provide for easier termination of such a shield to Ground.

DRO: Polychloroprene range and dryer cord (CSA).

DRT: Plastic range and dryer cord (CSA).

Duplex Insulated: In the thermocouple industry, a combination of dissimilar metal conductors of a thermocouple or Thermocouple Extension Wire.

E: Elevator lighting and control cable. Rubber insulation, three overall braids, outer flame retardant and moisture resistant. May have steel supporting strand in center. 300V.

EIA: Electronic Industries Association.

Elastomer: A class of long-chain polymers capable of being crosslinked to produce elastic compounds, e.g. polychloroprene and ethylene propylene rubber.

Electromagnetic: Pertaining to the combined electric and magnetic fields associated with movements of electrons through conductors.

Electromotive: (EMF): Pressure or voltage. The force which causes current to flow in a circuit.

Electrostatic: Pertaining to static electricity at rest. A constant intensity electric charge.

Elongation: The fractional increase in length of a material stressed in tension.

EMI: Electromagnetic Interference.

EO: Elevator lighting and control cable. Rubber insulation, cotton braid, polychloroprene jacket. May have steel supporting strand in center. 300V.

ET: Elevator lighting and control cable. PVC insulation, three braids, flame retardant and moisture retardant finish. May have steel supporting strand in center. 300V.

Ethylene Propylene Rubber (EPR): An ozone-resistant rubber consisting primarily of ethylene propylene Copolymer (EPM) or ethylene-propylene-diene monomer rubber (EDPM).

External Interference: The effects of electrical waves or fields which cause spurious signals other than the desired intelligence, e.g. noise.

F: Flat band metallic armor.

Farad: (F): Unit of capacitance whereby a charge of one coulomb produces a one volt potential difference.

Fatigue Resistance: Resistance to metal crystallization which leads to conductors breaking from flexing.

FCC: Flexible Control Cable.

FEP: Fluorinated ethylene propylene-insulated wire. 90°C dry and damp locations; 200°C dry locations (special applications).

FEPB: Fluorinated ethylene propylene-insulated wire but with glass or asbestos.

FF-1: Fixture wire. Flexible, rubber-insulated, single conductor. 300V, 60°C.

FF-2: Same as FF-1 with 600V rating.

FFH-1: Heat resistant fixture wire; otherwise same as FF-1, 300V.

FFH-2: Same as FFH-1 with 600V rating.

Filler: (1) A material used in multiconductor cables to occupy large interstices formed by the assembled conductors. (2) An inert substance added to a compound to improve properties or decrease cost.

Fluorinated Ethylene Propylene (FEP) is a “Teflon” fluorocarbon resin and is a Registered T.M. of the DuPont Company. This is a melt extrudable fluorocarbon resin.

Flat Cable: Multiconductor cable arranged in a parallel type configuration manufactured with controlled tolerance spacing.

Flame Resistance: The ability of a material not to propagate flame once the flame source is removed.

Flammability: The measure of the material’s ability to support combustion.

Flex Life: The measurement of the ability of a conductor or cable to withstand repeated bending.

Flexibility: That quality of a cable or cable component which allows for bending under the influence of outside force, as opposed to limpness which is bending due to the cable’s own weight.

Foamed Plastics: Insulations having a cellular structure.

FPL: NEC Article 760 Power-limited fire protective signaling cables General Purpose. Meets Vertical Tray flame test.

FPLP: NEC Article 760 Power-limited fire protective signaling cables Plenum. Meets Vertical Tray flame test.

FPLR: NEC Article 760 Power-limited fire protective signaling cables Riser. Meets Riser flame test.

FR-1: A flammability rating established by UL for wires and cables that pass a specially designed vertical flame test. This designation has been replaced by VW-1.

Frequency: Refers to the number of cycles per second of an AC signal or an RF signal.

FRMR: Flame retarding moisture resisting finish.

FT1: Flammability rating established by Canadian Standards Association for a vertical flame test of wire and cable.

FT4: Flammability rating established by Canadian Standards Association for a vertical flame test of cables in cable trays.

FT6: Flammability rating established by Canadian Standards Association for horizontal flame and smoke testing of cables.

FTIR: Fourier Transform Infrared Spectroscopy. A failure analysis technique that provides information about the chemical bonding/ molecular structure of materials and identify unknown materials.

FX: Single rubber-insulated Christmas tree wire with outer braid. 125V, 60°C.

FXT: Single plastic-insulated Christmas tree wire. 125V, 60°C.

G: 95°C rubber-insulated, polychloroprene-jacketed, portable power cable with two to five #8 AWG or larger conductors with ground wires.

Gauge: A term used to denote the physical size of a wire.

GOR: Gasoline and oil resistant.

GPIB: General Purpose Interface Bus Assembly typically used for interconnecting measurement devices.

Ground: The connection between an electrical circuit and the earth or other large conducting body to serve as the earth thus making a complete electrical circuit.

GTO: Gas tube sign and oil burner ignition cable. 5000V-15000V.

H: Shielded power cable. Multi-conductor cables have paper or varnished-cambric insulation applied directly over individual conductors. Spiraled metallic shielding tape over insulation with overall protective covering.

Harmonized (HAR): Products meeting requirements of CENELEC for use in European Economic Community.

Harness: An arrangement of wires and cables, usually with many breakouts, which have been tied together or pulled into a rubber sheath, used to interconnect electric circuits.

Hash Mark Stripe: A non-continuous Helical Stripe applied to a conductor for identification.

HC: Two or more conductor heater cord, asbestos- and rubber-insulation with cotton braid over each conductor. Twisted, no overall covering.

Heat Distortion: Distortion of a material due to the effects of heat.

Heat Shock: A test to determine stability of a material by sudden exposure to a high temperature for a short period of time.

Helical Stripe: A continuous, colored, spiral stripe applied to a conductor for circuit identification.

Hertz (Hz): A term replacing cycles-per-second as a unit of Frequency.

HF: Polyethylene-insulated radio hookup wire or without braid

Hi-Pot: A test designed to determine the highest voltage that can be applied to a conductor without electrically breaking down the insulation.

Hook-Up Wire: A single insulated conductor used for low current, low voltage (usually under 1000 Volts) applications within enclosed electronic equipment.

HPD: Rubber and asbestos-insulated heater cord. No braid in individual conductors but with braid overall. Also made with polychloroprene-insulation and no asbestos or PVC/NBC.

HPN: Two-conductor, polychloroprene-insulated heater cord. Parallel construction. For use in damp locations.

HS: Rubber- and asbestos-insulated heater cord. Cotton serve and rubber-jacketed overall. For use in damp locations, #14 or #12 conductors. Also made with polychloroprene-insulated inners.

HSJ: Same as type HSD but with #18 or #16 conductors and differing thickness of jacket.

HSJO: Same as HSJ but with polychloroprene jacket.

HSO: Polychloroprene jacketed heater cord.

HW: Radio hookup wire with PVC insulation. With or without nylon jacket, braid or shield. 2500V.

Hydrocarbon: Organic chemical compound that is comprised of only carbon (C) and hydrogen (H) atoms.

Hygroscopic: Readily absorbing and retaining moisture.

Hypalon: DuPont's trade name for their chlorosulfonated polyethylene, an ozone-resistant synthetic rubber.

I: Interlocked armor of aluminum, bronze or steel.

ICEA: Insulated Cable Engineers Association.

IEC: International Electro technical Commission.

IEEE: Institute of Electrical and Electronics Engineers.

Impact Strength: A test for determining the mechanical punishment a cable can withstand without physical or electrical breakdown by impacting with a given weight, dropped a given distance, in a controlled environment.

Impedance: The total opposition (reactance, X & resistance, R) that a circuit offers to the flow of alternating current (AC) at any given frequency. Impedance is expressed in Ohms. Impedance is not length related.

IMSA: International Municipal Signal Association.

Index of Refraction: The ratio of the velocity of light in free space to the velocity of light in a given material.

Inductance: The property of a circuit or circuit element that opposes a change in current flow, causing current changes to lag behind voltage changes. This is expressed in micro henries per foot (uH/Ft).

Insulation: A material having high resistance to the flow of electric current.

Insulation Resistance (I.R.): That resistance offered by an insulation to an impressed dc voltage, tending to produce a leakage current through the insulation.

Interference: Electrical or Electromagnetic disturbances which introduce undesirable responses into other electronic equipment.

Interstices: Voids or valleys between individual strands in a conductor or between insulated conductors in a multi-conductor cable during extreme flexing.

IPCEA: Insulated Power Cable Engineers Association.

IPE: Irradiated polyethylene tape.

Irradiation: In insulations, the exposure of the material to high energy emissions to alter the molecular structure by cross-linking.

ISA: Instrument Society of America.

ISO: International Standards Organization.

J: Asphaltic jute, non-metallic armor.

Jacket: An outer covering, usually non-metallic, mainly used for protection against the environment.

KPSI: Tensile strength in thousands of pounds per square inch.

Kynar: Pennwalt trade name for polyvinylidene fluoride, a fluorocarbon material used as insulation for wire wrap wire.

L: Denotes lead sheath.

Lay: The length measured along the axis of a wire or cable required for a single strand (in stranded wire) or conductor (in cable) to make one complete turn about the axis of the conductor or cable. 3.28 feet.

LESCW: Low energy safety circuit wire.

LW: Radio hookup wire with PVC insulation. With or without nylon jacket, braid or shielding braid. 300V.

M: Suffix indicating two or more insulated, twisted conductors under an outer, non-metallic covering.

MATV: Acronym for Master Antenna Television System.

MC: Denotes cable with interlocking metal tape or corrugated tube enclosure.

MCM: One thousand circular mils.

Mho: The unit of conductivity. The reciprocal of an ohm

MHz: Megahertz (one million cycles per second). Formerly Mc.

MI: One or more conductors insulated with highly compressed magnesium oxide and enclosed in liquid-/gas-tight metallic tube. 90°C dry and wet locations; 250°C for special applications.

Mil: A unit used in measuring diameter of a wire or thickness of insulation over a conductor. One one-thousandth of an inch (.001").

Mis-Match: A termination having a different impedance than that for which a circuit or cable is designed.

ML: Single-conductor, paper-lead cables twisted together without overall covering. Type A: AVC mine locomotive cable; Type B: motor lead wire.

MN: Mining Machine cable.

Modulation: The coding of information onto the carrier Frequency. Modulation means include (among others) amplitude, frequency, or phase pulse many forms of on-off Digital coding.

Modulus of Elasticity: The ratio of stress to strain in an elastic material.

Moisture Absorption: The amount of moisture, in percentage, that a material will absorb under specified conditions.

Moisture Resistance: The ability of a material to resist absorbing moisture from the air or when immersed in water.

Monomer: The basic chemical unit used in building a polymer.

Glossary

MP: NEC Article 800 Multipurpose Cables General Purpose. Meets Vertical Tray flame test. This listing will no longer be permitted after 7/1/2003

MPG: NEC Article 800 Multipurpose Cables General Purpose. This listing will no longer be permitted after 7/1/2003.

MPP NEC Article 800 Multipurpose Cables Plenum. Meets Steiner Tunnel test. This listing will no longer be permitted after 7/1/2003

MPR: NEC Article 800 Multipurpose Cables Riser. Meets Riser flame test. This listing will no longer be permitted after 7/1/2003

MRFR: Moisture resistant, flame retardant finish

MTW: Moisture, heat and oil resistant thermoplastic-insulated machine tool wire. 90°C to 105°C, 600V

MUX: Unit that allows the simultaneous transmission of multiple messages over a single cable

MW: Radio hook-up wire with PVC insulation and plain or nylon jacket, braid, or shield. 1000V

Mylar: DuPont trade name for a polyester material.

National Electrical Code (NEC): A consensus standard published by the National Fire Protection Association (NFPA) and incorporated in OSHA regulations.

NBC: A blend of acrylonitrile-butadiene rubber and PVC. Used for jacketing.

NBS: National Bureau of Standards.

NEC: National Electrical Code; oftentimes simply referred to as the "CODE".

NEMA: National Electrical Manufacturers Association.

NFPA: National Fire Protection Association; the administrative sponsor of the NEC.

NM: Non-metallic sheathed cable, braid or plastic covered. For dry use. 60°C.

NM-B: Type NM cable using 90°C insulation.

NMC: Non-metallic sheathed cable, plastic or polychloroprene covered. Wet or dry use, 60°C.

NMC-B: Type NMC cable using 90°C insulation.

NRHW: Moisture and heat resistant rubber insulation with polychloroprene jacket for use in ducts. Dry and wet locations. 600V, 75°C.

Nylon: A group of polyamide polymers which are used for wire and cable jacketing.

OFHC: Oxygen-Free High Conductivity Copper.

OFN: NEC Article 770 Optical Fiber Network.

OFNP: NEC Article 770 Optical Fiber Network Plenum.

OFNR: NEC Article 770 Optical Fiber Network Riser.

OHM (Ω): Unit of resistance such that a constant current of one Ampere produces a force of one Volt.

OSHA: Occupational Safety and Health Act; covers all factors relating to safety in the workplace.

Outgassing: The percentage of a gas released during the combustion of insulation or jacketing materials. Outgassing is a critical concern in many applications, such as those involving space uses due to the chemical composition of materials.

Overlap: The amount the trailing edge laps over the leading edge of a tape wrap.

P: Two or more rubber-insulated stranded conductors with cotton braid over each. Overall cover of cotton braid reinforcement over rubber filler. For pendant or portable use in damp locations. 300V-600V.

Pairing: The union of two insulated single conductors through twisting.

PBM-122: Trailing mine cables.

PCG: Portable mine cable with power, control and ground conductors.

PD: Rubber-insulated, stranded conductors with cotton braid over each. Conductors twisted with braid overall. Light duty, dry locations on appliances. 300V.

PFA: Perfluoroalkoxy; fluoropolymer used as a wire insulation.

PFAH: High temperature version of PFA used for dry locations only; 250°C rated.

PG: Portable mine cables containing power and ground conductors. 600V.

Pick: The distance between two adjacent crossover points of braid filaments. The measurement in picks per inch indicates the degree of coverage.

Pitch: In Flat Cable, the nominal distance between the index edges of two adjacent conductors.

PL: Two rubber-insulated, parallel-laid lamp cords with overall cotton or rayon braid. For light duty on small appliances in dry locations. 300V.

Plastic Deformation: Change in dimensions under a load that is not recovered when the load is removed.

Plasticizer: A chemical agent added to plastics to make them softer and more pliable.

PLSJ: All-rubber parallel-jacketed two conductor light duty cord for pendant or portable use in damp locations. 300V.

PLT: Same as PLSJ except thermoplastic insulation.

PLTC: NEC Article 760 Power Limited Tray Cable General Purpose. Meets Vertical Tray flame test.

PNA, PNW: Polyethylene-insulated control cables with nylon sheath on individual conductors. Cabled tape and PVC jacket. Dry and wet locations. 600V, 75°C.

PO: Two stranded copper conductors with separator and code rubber insulation and cotton braid over each. Laid parallel with cotton or rayon braid overall. For use in dry locations on small appliances. 300V-600V.

Polyester: Polyethylene terephthalate, which is used extensively in the production of a high-strength moisture-resistant film used as a cable core wrap.

Polyethylene (PE): A family of insulation's derived from the polymerization of ethylene gas and characterized by outstanding electrical properties, including high I.R., low Dielectric constant, and low Dielectric loss across the frequency spectrum. Mechanically rugged, it resists abrasion and cold flow.

Polymer: A material of high molecular weight formed by the chemical union of monomers.

Polyolefin: A family of thermoplastics based upon the unsaturated hydrocarbons known as olefins. When combined with butylene or styrene polymers, they form compounds such as polyethylene and polypropylene.

Polyvinylchloride: A general purpose family of insulation's whose basic make up is polyvinylchloride or its copolymer vinyl acetate. Plasticizers, stabilizers, pigments and fillers are added in lesser quantity to improve mechanical and/or electrical properties of this material.

Porosity: Multiple air voids in an insulation or jacket wall.

POS: Pairs, Overall Shield

POSJ: All-rubber, parallel, light duty rip-cord for use on lamps and small appliances. 300V, 60°C.

POSJX: All-rubber, parallel, #20 AWG rip-cord for use on lamps, clocks and Christmas trees. 125V.

POT: Thermoplastic, parallel, light duty rip-cord. 300V, 60°C to 105°C.

POT: Acronym for "Plain Old Telephone" wires used before the introduction of Category Telephone Cables.

Potting: The sealing of a cable termination or other component with a liquid which Thermosets into an Elastomer.

Power Factor: The ratio of resistance to impedance. The ratio of an actual power of an Alternating Current (A.C.) to apparent power. Mathematically, the cosine of the angle between the voltage applied and the current resulting.

POXT: Same as thermoplastic, parallel, light duty rip-cord, 300V, 60°C - 105°C(POT), except #20 AWG for clock and Christmas tree use.

PPAP: Production Part Approval Process. A process to ensure that outsourced components comply with the quality.

PPE: Portable Power Elastomer. Similar to W, G, GG-C, but made with TPE materials.

Primary Insulation: The first layer of non-conductive material applied over a conductor, whose prime function is to act as electrical barrier (sic... Insulation).

Propagation: Delay time required for an electrical wave to travel between two points on a transmission line.

PS: Rubber insulated thermostat cable (solid conductors with individual rubber insulations)

Pulling Eye: A device fastened to a cable to which a hook may be attached in order to pull the cable into or from a duct.

PW: Moisture-proof, reinforced, portable cord with two or more rubber-insulated conductors with individual cotton braid. Moisture resistant cotton braid finish over rubber jacket. 300V-600V

R: Rubber-insulated building wire. 600V, 60°C.

REA: Rural Electrification Administration, former agency of the U.S. Dept. of Agriculture charged with administering loan programs for electrification and telephone service in rural areas. Abolished in 1994, functions assumed by the Rural Utilities Service.

Reactance: The opposition offered to the flow of Alternating Current (A.C.) by inductance or capacitance of a component or circuit.

Refractive Index: Ratio of light velocity in a vacuum to its velocity in the transmitting medium.

Resin: A synthetic organic material formed by the union (polymerization) of one or more monomers with one or more acids.

Resistance: A measurement of the difficulty in moving electrical current through a medium when voltage is applied. Resistance is expressed in Ohms (Ω).

Retractile Cable: A cable that returns by its own stored energy from an extended condition to its original contracted form.

Glossary

RF: Fixture wire, code or latex rubber-insulation and braid over solid or stranded conductor. 60°C.

RFH: Same as RF, but rubber or latex rubber insulation, heat resistant. 75°C.

RFI: Radio Frequency Interference.

RG/U: Radio Government, Universal. RG is the military designation for coaxial cable in MIL-C-17 and U stands for "general utility".

RH: Rubber-insulated, heat resistant building wire. 75°C.

RH/RW: Rubber-insulated, heat and moisture resistant building wire. 75°C dry, 60°C wet.

RHD: Rubber-insulated, twin conductor, heat resistant, fibrous covered wire

RHDL: Same as RHD, except lead instead of fibrous covered.

RHH: Rubber-insulated, heat resistant building wire. Dry and damp locations. 90°C.

RHL: RHH with overall lead sheath.

RHM: Rubber-insulated multiple conductors, heat resistant and over fibrous covered.

RHML: Same as RHM, but with lead cover overall.

RHW: Rubber-insulated building wire, heat and moisture resistant. Dry and wet locations. 75°C.

RHW-2: Moisture and heat resistant or cross-linked synthetic polymer. Dry and wet locations. 90°C.

Ridge Marker: One or more ridges running laterally along the outer surface of an insulated wire for purposes of identification.

RJ: Rubber-insulated and jute covered cable
RJFJ Rubber-insulated cable with flat band armor

RJJJ: Rubber-insulated cable with interlock armor

RL: Rubber-insulated cable with lead sheath

RLJFJ: Rubber-insulated cable with lead, jute, flat band armor and overall jute covering

RLJWJ: Rubber-insulated cable with lead, jute, steel wire armor and overall jute covering

RM: Rubber-insulated multiple conductors with fibrous covering

RML: Same as RM, but lead instead of fibrous covering

RoHS: Restriction of Hazardous Substances; typically refers to the EU legislation geared to protect the environment

Root Mean Square (RMS): The effective value of an Alternating Current (A.C.) or voltage.

Rope Lay Conductor: A conductor composed of a central core surrounded by one or more layers of helically laid groups of wires.

RP: Performance grade rubber insulation. 60°C.

RR: Rubber insulation, polychloroprene jacket, see Type USE.

RS: Integral rubber insulation and jacket on single conductor cables.

RU: Rubber-insulated, latex building wire. 60°C.

RUH: Same as RU, but heat resistant. 75°C.

Rupture: In the breaking strength or tensile strength tests, the point at which the material physically comes apart, as opposed to elongation yield strength, etc.

RUW: Same as RU, but heat resistant. 60°C.

RW: Rubber-insulated building wire. Moisture resistant. 60°C.

RWS: Same as RW, but synthetic rubber.

S: Heavy duty, rubber-insulated portable cord. Stranded copper conductors with separator and individual rubber insulation. Two or more color-coded conductors cabled with filler, wrapped with separator and rubber jacketed overall. 600V.

SA: Silicone rubber insulation, asbestos or glass braid, for use in dry locations. 90°C dry and damp locations; 125°C for special applications.

SAE: Society of Automotive Engineers.

SAEJ-1128: Automotive primary wire specification.

SB: Slow burning wire. Three cotton braids, impregnated. 90°C.

SD: Service drop cable. Two code rubber-insulated conductors, tape, laid parallel with neutral conductor concentric there over. Tape and braid overall. Also round construction.

SDN: Small Diameter polychloroprene; Small diameter multi-conductor control cable with polychloroprene jacket and nylon sheath over polyethylene insulation.

SE: Above ground service entrance cable, not protected against mechanical abuse. Flame retardant, moisture resistant covering with overall polychloroprene sheath rated 60°C - 75°C.

SEA: Service entrance cable. Steel-armored under outer braid, one or two rubber-insulated conductors with neutral conductor served concentricity, moisture resistant tape, weatherproof braid finish. 300V, 75°C.

SEC: Service Entrance Cable.

Self Extinguishing: the characteristic of a material whose flame is extinguished after the igniting flame is removed.

Semiconductor: A material that has a resistance characteristic between that of insulators and conductors.

Semi-Rigid (SR) PVCC: A hard semi-flexible polyvinylchloride compound with low plasticizer content.

SEO: Same as SE, oil resistant.

SEOW-A: Same as SEO, UL listed sunlight resistant material. W-A prior to 7/2/98 UL62.

Separator: A layer of insulating material such as textile, paper, polyester, etc. Used to improve stripping qualities, flexibility, mechanical or electrical protection to the components.

Serve: A filament or group of filaments such as fibers or wires, wound around a central core.

SEU: Same as SEA, but not armored.

SEW;SEWF: Silicone Rubber insulated equipment wire (CSA).

SEW-A: Same as SE, UL listed sunlight resistant material. W-A prior to 7/2/98 UL62.

SF: Silicone rubber insulated fixture wire, solid or 7-strand conductor. 200°C.

SFF: Same as SF, except flexible stranding. 150°C.

SG: Same as SW, except with ground wires (CSA).

SGO: Same as SWO, except with ground wires (CSA).

SH-A: Portable mine power cable, three or four individually shielded conductors. 5000V.

SH-B: Same as SH-A, except shield is overall.

SH-C: Same as SH-B, but with grounding conductors.

SH-D: Same as SH-A, but with grounding conductors.

Sheath: The outer covering or jacket of a multiconductor cable.

SHFS: PVC insulated with felted-asbestos, flame-proof cotton or rayon braid.

Shield: In cables, a metallic layer placed around a conductor or group of conductors to prevent electrostatic interference between the enclosed wires and external fields.

Shield Coverage: The physical area of a cable that is actually covered by the shielding material and is expressed as a percentage.

Shield Effectiveness: The relative ability of a shield to screen out undesirable signals.

Signal Cable: A cable designed to carry current of usually less than one Ampere per conductor.

Sintering: Fusion of a spirally applied tape wrap jacket by the use of high heat to a homogenous continuum. Usually employed for fluorocarbon, non-extrudable materials.

SIS: Single conductor wire commonly made with chemically cross linked polyethylene insulation that is heat & moisture resistant, and flame retarded (90°C/90°C rated wet/dry).

SJ: Junior hard service, rubber-insulated pendant or portable cord. Same construction as type S, but 300V. Jacket thickness different.

SJE: Same as SJ, using thermoplastic elastomer in place of rubber.

SJEO: Same as SJE, but with oil resistant insulation.

SJEOO: Same as SJE, but with oil resistant insulation and jacket (oil proof).

SJEOW: Same as SJE, oil resistant, wet locations

SJEOW-A: Same as SJE, UL listed sunlight resistant material. W-A prior to 7/2/98 UL62.

SJEW-A: Same as SJE, UL listed sunlight resistant material. W-A prior to 7/2/98 UL62.

SJO: Same as SJ, but polychloroprene, oil resistant compound outer jacket. Can also be made water resistant. 300V, 60°C.

SJT: Junior hard service thermoplastic or rubber-insulated conductors with overall thermoplastic jacket. 300V, 60°C to 105°C.

SJTO: Same as SJT but oil resistant thermoplastic outer jacket. 60°C.

SJTOO: Same as SJT but oil-proof thermoplastic outer jacket.

SJTOW-A: Same as SJTO, UL listed sunlight resistant material. W-A prior to 7/2/98 UL62.

SJTW: Same as SJT for wet locations. 300V, 60°C to 105°C.

SJTW-A: Same as SJT, UL listed sunlight resistant material. W-A prior to 7/2/98 UL62.

Skin Effect: The phenomenon in which the depth of penetration of electric currents into a conductor decreases as the frequency increases.

SNM: A cable designed for use in hazardous locations consisting of insulated conductors in an extruded non-metallic jacket. It is then covered with an overlapping spiral metal tape and wire shield and jacketed with an extruded moisture, flame, oil, corrosion, fungus and sunlight resistant nonmetallic material.

Glossary

SO: Hard service cord, same construction as type S except oil resistant polychloroprene jacket. 600V, 60°C to 90°C.

SOW: Water resistant polychloroprene jacketed portable cord (CSA).

SP-1: All rubber, parallel-jacketed, two-conductor light duty cord for pendant or portable use in damp locations. 300V.

SP-2: Same as SP-1, but heavier construction, with or without third conductor for grounding purposes 300V.

SP-3: Same as SP-2, but heavier construction for refrigerators or room air conditioners. 300V.

Span: In flat cables, the distance from the reference edge of the first conductor to the reference edge of the last conductor (in cables having flat conductors), or the distance between in centers of the first and last conductors (in cables having round conductors), expressed in inches or centimeters.

Spark Test: A test designed to locate imperfections (usually pin-holes) in the insulation of a wire or cable by application of a voltage for a very short period of time while the wire is being drawn through the electrode field.

SPE: Society of Plastic Engineers.

SPE-1: Same as SP-1, using thermoplastic elastomer

SPE-2: Same as SP-2, using thermoplastic elastomer.

SPE-3: Same as SP-3, using thermoplastic elastomer.

Specific Gravity: The ratio of the density (mass per unit volume) of a material to that of water.

Spiral Wrap: The helical wrap of a material over a core.

Splice: A mechanical device or fusion process that permanently bonds two fibers together without a connector producing extremely low loss.

SPOS: Shielded Pairs, Overall Shield

SPT-1: Same as SP-1, except all thermoplastic. 300V. With or without 3rd conductor for grounding.

SPT-2: Same as SP-2 except all thermoplastic. 300V. With or without 3rd conductor for grounding.

SPT-3: Same as SP-3, except all thermoplastic. 300V. With or without 3rd conductor for grounding.

SR: Silicone rubber control cable. 600V, 125°C.

SR-AW: Flexible, nickel-plated copper conductor, silicone rubber insulation, glass braid. 600V, 200°C.

SR-C: Solid copper conductor, silicone rubber insulation, glass braid. 600V, 125°C.

SRD: Portable range or dryer cable. Three or four rubber insulated conductors with rubber or polychloroprene jacket, flat or round construction. 300V, 60°C.

SRDE: Same as SRD, using thermoplastic elastomer.

SRDT: Same as SRD, except all thermoplastic with a maximum temperature of 90°C.

SR-H: Silicone rubber-insulated, asbestos braid. 500V, 125°C.

ST: Hard service cord, jacketed, same as type S except all plastic construction. 600V, 60° to 105°C.

Stability Factor: The difference between the percentage power factor at 80 volts/mil and at 40 volts/mil measured on wire immersed in water at 75° C for a specified time.

Static Condition: Used to denote the environmental conditions of an installed cable rather than the conditions existing during cable installation.

STO: Same as ST but with oil resistant thermoplastic outer jacket. 600V, 60°C.

STOO: Same as ST but with oil-proof thermoplastic outer jacket. 600V, 60°C.

STOS: Shielded Triads, Overall Shield

STOW-A: Same as STO, UL listed sunlight resistant material. W-A prior to 7/2/98 UL62

STP: Shielded Twisted Pair cable.

Strip Force: The force required to remove a small section of insulating material from the conductor it covers.

STW: Same as ST for wet locations. 600V, 60o to 105°C.

STW-A: Same as ST, UL listed sunlight resistant material. W-A prior to 7/2/98 UL62

Suggested Working Voltage: AC voltage that can be applied between adjacent conductors.

Surface Resistivity: The resistance of a material between two opposite side of a unit square of its surface. It is usually expressed in ohms.

Surge: A temporary, large increase in the voltage or current in an electric circuit or cable.

SV: Vacuum cleaner cord, two- or three-conductor, rubber insulated. Overall rubber jacket. For light duty in damp locations. 300V, 60°C.

SVE: Same as SV, using thermoplastic elastomer in place of rubber.

SVEO: Same as SVE, oil resistant.

SVO: Same as SV except polychloroprene jacket. 300V, 60°C.

SVT: Same as SV except all plastic construction. With or without third conductor for grounding purposes only. 300V, 60°C to 90°C.

SVTO: Same as SVT except with oil resistant thermoplastic jacket. 60°C.

SW: Rubber jacketed power supply cable (8 AWG to 2 AWG). 600V (CSA).

SWO: Same as SW except polychloroprene jacketed (CSA).

SWT: Plastic jacketed power supply cable (8 AWG to 2 AWG). 600V (CSA).

T: Thermoplastic vinyl, building wire. 60°C.

TA: Switchboard wire, thermoplastic and asbestos.

TAA: Flexible nickel or nickel-clad copper, teflon tape, felted asbestos.

Tank Test: A voltage Dielectric test in which the test sample is submerged in water and voltage is applied between the conductor and water as Ground.

TBS: Switchboard wire, thermoplastic insulation, flame proof cotton braid. 600V, 90°C.

TBWP: Three cotton braid, weatherproof saturated. No voltage rating.

TDM: Time Domain Multiplexing.

Tear Strength: The force required to initiate or continue a tear in a material under specified conditions.

Teflon®: A DuPont Company trademark for polytetrafluoroethylene.

Tefzel®: Dupont trade name for a fluorocarbon material typically used as the insulation on wire wrap wire.

Temperature Rating: The maximum and minimum temperature at which an insulating material may be used in continuous operation without loss of its basic properties.

Tempest: Classified procedure which details the complex measurement of the combined reduction of all Electromagnetic emissions from specified equipment.

Tensile Strength: The pull stress required to break a given specimen.

TEW: CSA type appliance wires. Solid or stranded single conductor, plastic-insulated. 600V, 105°C.

TEWN: Same as TEW with nylon jacket. 105°C.

TF: Fixture wire, thermoplastic covered, 60°C, 600V, 18-16 AWG.

TFE: Extended Polytetrafluoroethylene for dry locations only. 250°C.

TFF: Same as TF but flexible stranding, 60°C, 600V, 18-16 AWG.

TFN or TFFN: Same as TFF with nylon jacket, 90°C, 600V, 18-16 AWG.

TG: Flexible nickel or nickel-clad copper conductor, teflon tape, glass braid. 200°C.

TGS: Solid or flexible copper, nickel-clad iron or copper, or nickel conductor. Teflon tape, silicone glass braid. 600V, 250°C.

Thermal Shock: A test to determine the ability of a material to withstand heat and cold by subjecting it to rapid and wide changes in temperature.

Thermocouple Wire (Grade): A pair of wires of dissimilar alloys having EMF-temperature characteristics calibrated to higher temperature levels than the extension type of thermocouple wire. Unlike the thermocouple extension wire, this wire may be employed as the thermocouple hot junction in addition to serving as the entire wire connection between hot and cold's.

Thermoplastic: A material which softens when heated or reheated and becomes firm on cooling.

Thermoset: A material which hardens or sets by heat, chemical or radiation cross-linking techniques and which, once set, cannot be resoftened by heating.

THHN: Single conductor, flame retardant, heat & moisture resistant, nylon jacketed wire. Dry locations. 90°C, 600V.

THHW: Single conductor, flame retardant, moisture & heat resistant thermoplastic. 75°C wet location; 90°C dry location, 600V.

THW: Single conductor, flame retardant, moisture and heat resistant thermoplastic insulation, 75°C dry and wet locations, 600V.

THWN: Same as THW but with nylon jacket overall. 75°C dry and wet locations, 600V.

Tinned Copper: Tin coating added to copper to aid in and inhibit corrosion.

TOS: Triads, Overall Shield

Total Mass Loss (%TML): The weight change of the original sample after test.

TP: Parallel tinsel cord. Two rubber insulated & jacketed very flexible conductors. Light duty, attached to appliances of 50W or less. For use in damp locations in lengths of eight feet or less.

TPO: Same construction as type PO but with extra flexible tinsel conductors. 125V.

TPT: Same as TP but all thermoplastic insulation and jacket. 125V.

Glossary

Transmission Line: A signal-carrying circuit with controlled electrical characteristics used to transmit high-frequency or narrow-pulse signals.

Transmission Loss: The decrease or loss in power during transmission of energy from one point to another. Usually expressed in decibels.

Tray: A cable tray system is a unit or assembly of units or sections, and associated fittings, made of non-combustible materials forming a rigid structural system used to support cables. Cable tray systems (previously termed continuous rigid cable supports) include ladders, troughs, channels, solid bottom trays, and similar structures.

Tray Cable: A factory-assembled multiconductor or multipair control, signal or power cable specifically approved under the National Electrical Code for installation in trays.

Triple (Triad): A cable consisting of three insulated single conductors twisted together.

TS: Two- or three-conductor rubber insulated and jacketed tinsel cord. Light duty, attached to an appliance of 50W or less. For use in damp places in lengths of eight feet or less.

TSO: Same as type TS but with polychloroprene jacket. 125V.

TST: Same as TS, but all thermoplastic insulation and jacket.

TT: PVC insulation and sheath, aerial and duct.

TW: Flame retardant, moisture resistant thermoplastic vinyl-jacketed building wire. Dry and wet locations. 60°C.

Twinning: Synonymous with pairing.

UF: Thermoplastic underground feeder and branch circuit cable, single conductor. 60°C moisture resistant; 75°C moisture and heat resistant

UF-B: UF cable with a 75°C jacket and conductors with insulation for 90°C dry and at least 60°C wet locations.

UHF: Ultra High Frequency, 300 MHz to 3,000 MHz.

UL: Underwriters Laboratories, a non-profit independent organization, which operates a listing service for electrical and electronic materials and equipment .

Underwriters Laboratories (UL): a non-profit independent organization, which operates a listing service for electrical and electronic materials and equipment.

URC: Weatherproof wire.

USE: Underground service entrance cable, single conductor, rubber-insulated, polychloroprene-jacketed. Heat and moisture resistant.

UTP: Unshielded Twisted Pair cable.

V: Varnished-cambric insulation, with fibrous covering.

VCB: Varnished-cambric insulation, cotton braid, flame retardant, moisture resisting finish.

VCL: Varnished-cambric insulation, lead covered cable. Ends must be hermetically sealed.

VD: Indicates a twin wire having two type V conductors laid parallel under an outer fibrous covering.

VDE: German Society of Engineers that establishes standards and testing requirements.

Velocity of Propagation (Vp): The speed a signal travels down a length of cable as compared to the speed in free air and is directly dependent upon the dielectric material properties. Vp is the reciprocal of the square root of the dielectric constant (ε) of the insulation material and is expressed as a percentage (%).

VG: Varnished-glass tape over a flexible copper conductor. Varnished-glass or nylon braid. 600V or 3000V, 130°C.

VHF: Very High Frequency, 30 to 300 MHz.

VM: Indicates a cable having two or more type V conductors twisted together under an outer fibrous covering.

Volt: A unit of Electromotive Force (EMF).

Voltage: A measurement of electrical pressure along a conductor. The voltage rating depends primarily on the insulation thickness. The thicker the insulation, the higher the voltage rating. Voltage is expressed in volts (V).

Voltage Rating: The highest voltage that may be continuously applied to a wire in conformance with standards or specifications.

Voltage Standing Wave Ratio (VSWR): The ratio of the maximum effective voltage to the minimum effective voltage measured along the length of a mis-matched radio frequency transmission line.

Volume Resistivity: The electrical resistance between opposite faces of a one cm. cube of insulating material commonly expressed in ohms-centimeter.

Vp: Velocity of Propagation ; the speed at which a signal travels down a wire.

Vulcanization: A curing process done with rubber, where the physical properties of the elastomer are changed by either chemical or cross-linking agent.

VW-1: UL flammability test/rating for wire and cables. Previously designated "FR-1".

W: Heavy-duty portable power cable, one to six conductors. 600V, 75°C.

Water Absorption: Water by percent weight absorbed by a material after a given immersion period.

Water Vapor Recovered (%WVR): An additional parameter that can be obtained after completion of exposure and measurements required to TML and CVCM. There is no set requirement for this test since it is usually just measured and recorded in test reports as additional information.

Watt (W): A unit of electric power. The watt is the power required to do work at the rate of one joule per second.

WEEE: Waste Electrical & Electronic Equipment.

Wicking: The longitudinal flow of a liquid in a wire or cable due to capillary action.

WP: Weatherproof construction, two or three impregnated cotton braids. 80°C.

X: Two FX wires twisted together, color-coded. 125V, 60°C.

XHH: Heat resistant, flame retardant, cross-linked synthetic polymer for dry and damp locations.

XHHW: Moisture and heat resistant, flame retardant, cross-linked synthetic polymer. 90°C dry and damp locations; 75°C wet locations.

XHHW-2: Flame retardant, moisture and heat resistant cross-linked synthetic polymer. 90°C dry and wet locations.

XLP or XLPE: Crosslinked polyethylene.

XT: Two FXT wires twisted together, color-coded. 125V, 60°C.

Yield Strength: The minimum stress at which a material will start to physically deform.

Z: Modified Ethylene Tetrafluoroethylene insulation. 90°C dry and damp locations; 150°C dry locations (special applications).

ZW: Modified Ethylene Tetrafluoroethylene insulation. 75°C wet locations; 90°C dry and damp locations; 150°C dry locations (special applications). 600V, 100°C.

Regulatory Agency Markings

Underwriters Laboratories, Inc.

Underwriters Laboratories, Inc. (UL) was founded as a not-for-profit organization which provides testing for products and UL “Recognition” or “Listing” for manufacturers.



UL “AWM” Recognized Components

Many wire products have UL AWM (Appliance Wiring Material) Recognized component styles. A wire or cable product bearing a UL AWM Style can be used for internal and external wiring as Recognized component of an original equipment product.



C-UL Recognized Component Mark

This Recognized component mark is applied to products for the Canadian market. Products with this type of mark have been tested to Canadian Standard requirements.



UL “LISTED” Wire & Cable Products

UL Listed products are used in applications where the product is not an integral part of the manufactured system. UL Listed wire and cable products are intended for use within residential, commercial or industrial buildings. The National Electrical Code (NEC®) requires use of Listed products to meet the requirements of various “Articles” within the code.



C-UL Listing Mark

The Listing mark is applied to products for the Canadian market. Products with this type of mark have been tested to Canadian Standard requirements.



CSA Listing Mark

CSA is an abbreviation for Canadian Standards Association, a non-profit, Nationally Recognized Testing Laboratory (NRTL) which operates a certification service for electrical and electronic materials and equipment.



CE Conformity to European Directive

CE (Conformité Européenne) is a European Economic Community approval indicating that a product complies with a European Directive.

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POLAR/SOLAR®
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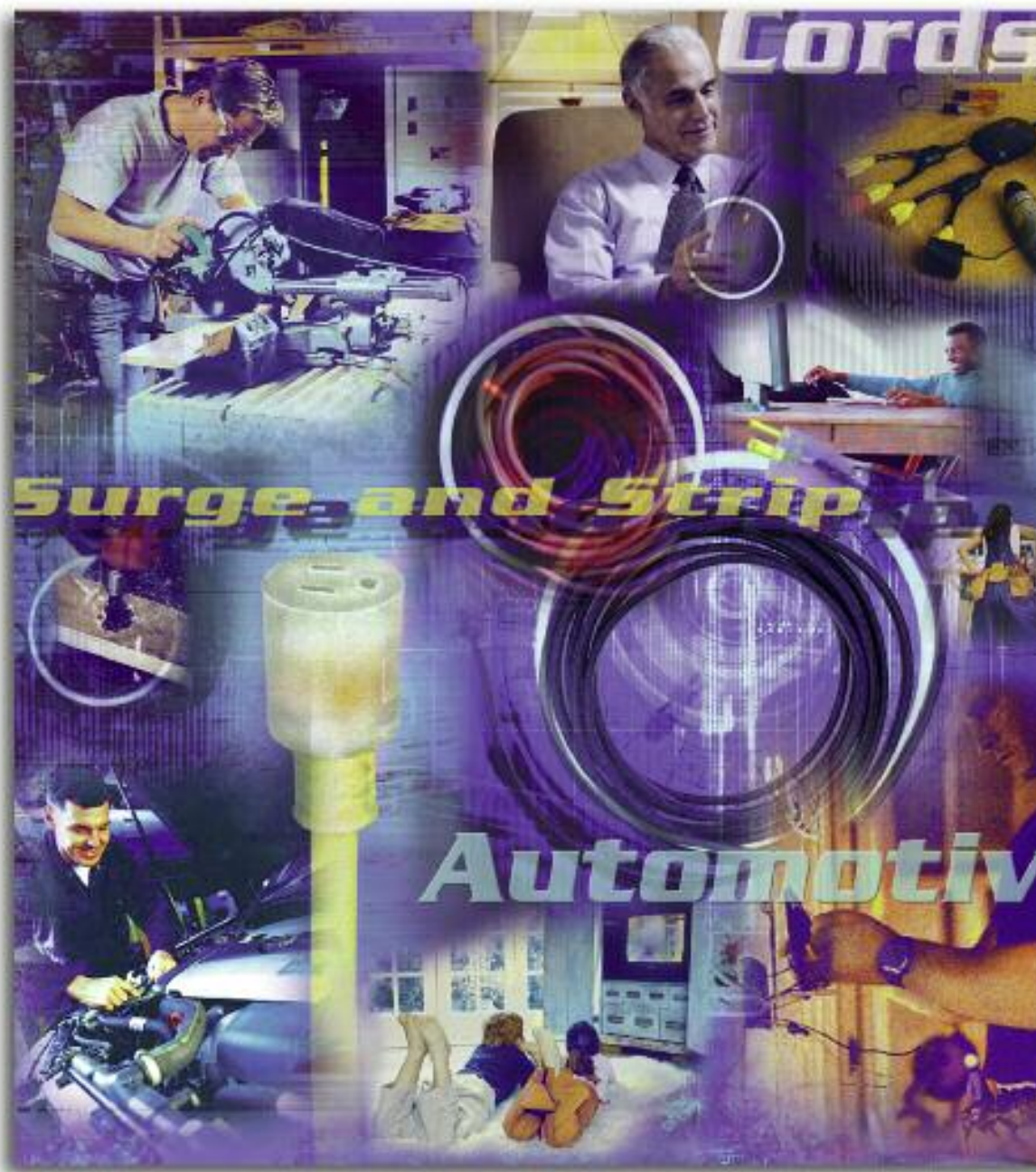


POWER

with the best™



RETAIL MARKETS



The CCI Advantage

For over 30 years, Coleman Cable, Inc. has built its reputation for service, quality and leadership through innovation and continuous improvement. Our relentless commitment to quality is complimented by our superior technical expertise and world-class manufacturing. This commitment enables us to provide unparalleled customer service and offer programs with exceptional value in today's competitive market place.

Innovation

CCI set the standard for the industry with its **Seoprene**® cords, which are still the toughest, most flexible cords available today. CCI engineered the first UL listed booster cable, which has our patented **Polar-Glo**™ Clamp. This revolutionary clamp was the first to feature glow-in-the-dark polarity indicators, single jaw construction and a built-in safety shield that ensures that the clamp will not carry a charge, even if the coating has been scratched or worn away. Our newest innovation is the **Push-Lock**® **Extension Cord**.

CCI's highly skilled research and development engineers work in a state-of-the-art, multi-functional technology center and are continuously striving to enhance CCI's recognition as the premier supplier in the wire and cable industry.

Breadth of Line

CCI has the broadest assortment of indoor and outdoor cord sets for virtually every application. We also have full lines of cord storage devices, portable lighting, surge protectors and power strips, automotive accessories and bulk wire products.

Manufacturing

CCI has more than 2 million square feet of state-of-the art manufacturing facilities throughout the United States. Progressive management and cutting edge production technology contribute to CCI's ability to provide its customers with exceptional value in a highly competitive industry.

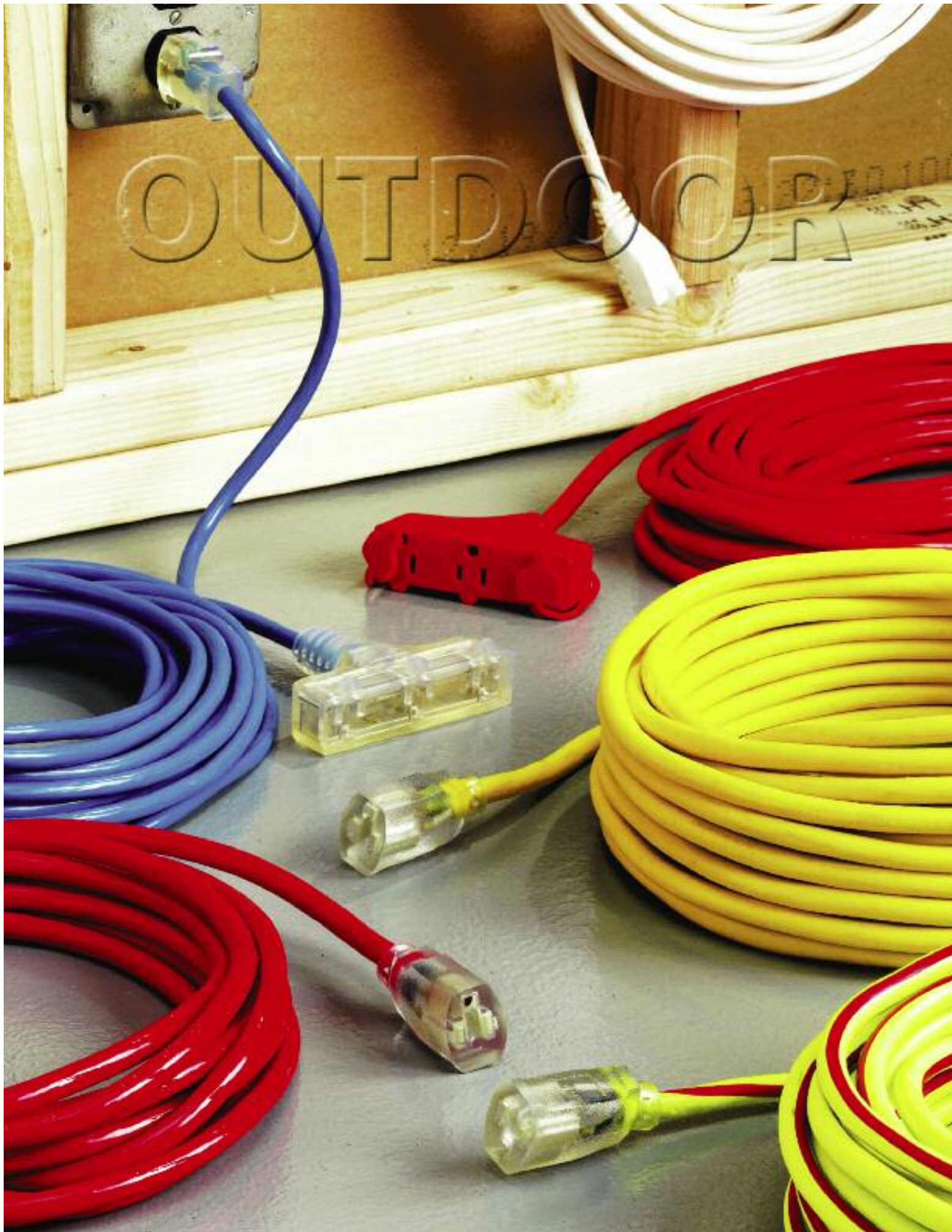
Distribution

CCI services its customers through a national network of distribution facilities with primary distribution centers in Chicago, Los Angeles, Miami and New England, which are supplemented with a network of satellite centers throughout North America.

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American Contractor®



American Contractor® cords are the all-purpose, portable outdoor cord that stays flexible even under the most extreme temperature conditions to -67°F. The rugged T*Prene® construction saves you money because it lasts longer. It provides superior resistance to abrasion, ozone, oil, grease, and chemicals. Plus, the outer jacket is flame retardant and water resistant. All American Contractor® Extension Cords come standard with a power indicator light in the receptacle to show that the power is on.



01699

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
01294	16/3	SJEOW	Yellow	10	Sleeve	13A	24	18	.59
01297	16/3	SJEOW	Yellow	25	Sleeve	13A	6	15	.64
01298	16/3	SJEOW	Yellow	50	Sleeve	13A	12	38	1.41
01299	16/3	SJEOW	Yellow	100	Sleeve	10A	6	37	1.57
01497	14/3	SJEOW	Yellow	25	Sleeve	15A	6	13	.64
01498	14/3	SJEOW	Yellow	50	Sleeve	15A	6	25	1.14
01499	14/3	SJEOW	Yellow	100	Sleeve	13A	6	49	1.41
01697	12/3	SJEOW	Yellow	25	Sleeve	15A	6	20	.64
01698	12/3	SJEOW	Yellow	50	Sleeve	15A	6	39	1.41
01699	12/3	SJEOW	Yellow	100	Box	15A	2	24	1.51
01798	10/3	SJEOW	Yellow	50	Box	15A*	2	24	1.51
01799	10/3	SJEOW	Yellow	100	Box	15A*	3	63	1.25
Tri-Source® Three-Way Power Block									
03492	12/3	SEOW	Yellow	2	Sleeve	15A	6	5	.64
03497	12/3	SJEOW	Yellow	25	Sleeve	15A	6	21	1.14
03498	12/3	SJEOW	Yellow	50	Sleeve	15A	6	39	1.41
03499	12/3	SJEOW	Yellow	100	Box	15A	2	25	2.02
Quadnector® Four-Way Power Block**									
04492	12/3	SJEOW	Yellow	6	Sleeve	15A	4	6	.64

* Plug and receptacle rated 15A

** Rated for indoor use only

Agricultural



T*Prene® Insulation Farm/Ranch Cord with Lighted End

This extension cord was specifically engineered to withstand the tough demands of use on a farm or ranch. The cord's outer jacket provides superior resistance to abrasion, ozone, oil, grease, and chemicals and is flexible to -67°F. This rugged T*Prene® construction saves you money because it lasts longer. Plus, it's flame retardant and water resistant. The Agricultural Cord comes standard with a power indicator light in the receptacle to show that the power is on.



01457

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
01457	14/3	SJEOW	Yellow	25	Sleeve	15A	12	27	1.14
01458	14/3	SJEOW	Yellow	50	Sleeve	15A	6	26	1.14
01459	14/3	SJEOW	Yellow	100	Sleeve	13A	6	49	1.41
01658	12/3	SJEOW	Yellow	50	Sleeve	15A	6	38	1.41
01659	12/3	SJEOW	Yellow	100	Sleeve	15A	4	48	1.41



Push-Lock® Locking Extension Cord

Push-Lock® Extension Cords



These cords use a patented Push-Lock® mechanism which stays connected till you want the cords disengaged. These are ideal for lawn and power tool application. They have a lighted receptacle to indicate power is on.

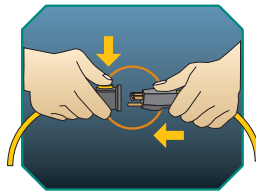


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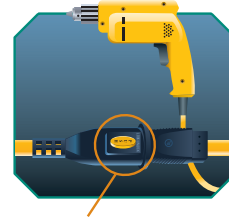


02519

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER PACK WT	MASTER PACK CUBE
01221	16/3	SJTW	Black/Yellow	17	Blister	13A	5	1.52	.99
02330	16/3	SJTW	Yellow/ Green	70	Sleeve	10 A	4	22	.47
02418	14/3	SJTW	Yellow/Blue	45	Box	15 A	4	21	.83
02419	14/3	SJTW	Yellow/Blue	90	Box	13 A	3	29	1.04
02518	12/3	SJTW	Yellow/Black	45	Box	15 A	4	27	1.18
02519	12/3	SJTW	Yellow/Black	90	Box	15 A	3	40	1.37



TO LOCK a plug to your new Push-Lock® extension cord, depress the oval button on the receptacle and insert blades and ground pin of tool plug. You will hear the locking mechanism engage.

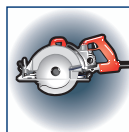


TO UNLOCK, depress oval button and grasp the tool cord by the plug or strain relief and gently pull. Never pull by the cord!



GREAT FOR:

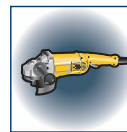
CIRCULAR SAWS



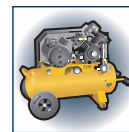
HAMMER DRILL



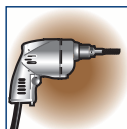
ANGLE GRINDER



AIR COMPRESSORS



SMALL DRILL



WET/DRY VAC



LAWN MOWERS





Cool Colors™ Outdoor Extension Cords



Contractor Grade SJTW cord features a neon jacket in a variety of colors for added safety and theft deterrence on the jobsite. Features include clear molded plugs with power indicator light in the receptacle. Added features include heavy duty strain relief, reinforced blades and ground pin.



02578-88-OH

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
02577-88-0A	12/3	SJTW	Neon Pink	25	Sleeve	15A	12	40	1.41
02577-88-0H	12/3	SJTW	Neon Blue	25	Sleeve	15A	12	40	1.41
02577-88-0Q	12/3	SJTW	Neon Purple	25	Sleeve	15A	12	40	1.41
02577-88-0X	12/3	SJTW	Neon Green	25	Sleeve	15A	12	40	1.41
02577-88-04	12/3	SJTW	Neon Red	25	Sleeve	15A	12	40	1.41
02578-88-0A	12/3	SJTW	Neon Pink	50	Sleeve	15A	8	53	1.41
02578-88-0H	12/3	SJTW	Neon Blue	50	Sleeve	15A	8	53	1.41
02578-88-0Q	12/3	SJTW	Neon Purple	50	Sleeve	15A	8	53	1.41
02578-88-0X	12/3	SJTW	Neon Green	50	Sleeve	15A	8	53	1.41
02578-88-04	12/3	SJTW	Neon Red	50	Sleeve	15A	8	53	1.41
02578-88-03	12/3	SJTW	Neon Orange	50	Sleeve	15A	8	53	1.41
02579-88-0A	12/3	SJTW	Neon Pink	100	Sleeve	15A	4	52	1.41
02579-88-0H	12/3	SJTW	Neon Blue	100	Sleeve	15A	4	52	1.41
02579-88-0Q	12/3	SJTW	Neon Purple	100	Sleeve	15A	4	52	1.41
02579-88-0X	12/3	SJTW	Neon Green	100	Sleeve	15A	4	52	1.41
02579-88-04	12/3	SJTW	Neon Red	100	Sleeve	15A	4	52	1.41
02579-88-03	12/3	SJTW	Neon Orange	100	Sleeve	15A	4	52	1.41
Tri-Source Three-Way Power Block									
04178-88-0H	12/3	SJTW	Neon Blue	50	Sleeve	15A	6	42	1.41
04178-88-04	12/3	SJTW	Neon Red	50	Sleeve	15A	6	42	1.41
04178-88-03	12/3	SJTW	Neon Orange	50	Sleeve	15A	6	42	1.41
04179-88-0H	12/3	SJTW	Neon Blue	100	Sleeve	15A	4	53	1.41
04179-88-04	12/3	SJTW	Neon Red	100	Sleeve	15A	4	53	1.41
04179-88-03	12/3	SJTW	Neon Orange	100	Sleeve	15A	4	53	1.41





Stripes™ Outdoor Extension Cords



Increase safety awareness and help to prevent jobsite loss or theft with neon STRIPES™ outdoor extension cords. Each extension cord features a dominant color and an extruded colored stripe that runs the length of the cord. All STRIPES™ extension cords have a power indicator light in the receptacle to show that the power is on.



02549-88-3V

CAT NO	WIRE GA/COND	WIRE TYPE	NEON COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
02548-88-54	12/3	SJTW	Lime Green/Red	50	Sleeve	15A	8	53	1.41
02548-88-22	12/3	SJTW	Yellow Purple	50	Sleeve	15A	8	53	1.41
02548-88-52	12/3	SJTW	Dark Green/Yellow	50	Sleeve	15A	8	53	1.41
02548-88-64	12/3	SJTW	Blue/Red	50	Sleeve	15A	8	53	1.41
02548-88-41	12/3	SJTW	Red/White	50	Sleeve	15A	8	53	1.41
02548-88-77	12/3	SJTW	Pink/Lime Green	50	Sleeve	15A	8	53	1.41
02548-88-NV	12/3	SJTW	Silver/Blue	50	Sleeve	15A	8	53	1.41
02548-88-3V	12/3	SJTW	Orange/Blue	50	Sleeve	15A	8	53	1.41
02548-88-P1	12/3	SJTW	Purple/White	50	Sleeve	15A	8	53	1.41
02508-06-41	12/3	SJTW	Red/White/Blue	50	Sleeve	15A	6	53	1.41
02549-88-54	12/3	SJTW	Lime Green/Red	100	Sleeve	15A	4	52	1.41
02549-88-22	12/3	SJTW	Yellow/Purple	100	Sleeve	15A	4	52	1.41
02549-88-52	12/3	SJTW	Dark Green/Yellow	100	Sleeve	15A	4	52	1.41
02549-88-64	12/3	SJTW	Blue/Red	100	Sleeve	15A	4	52	1.41
02549-88-41	12/3	SJTW	Red/White	100	Sleeve	15A	4	52	1.41
02549-88-77	12/3	SJTW	Pink/Lime Green	100	Sleeve	15A	4	52	1.41
02549-88-NV	12/3	SJTW	Silver/Blue	100	Sleeve	15A	4	52	1.41
02549-88-3V	12/3	SJTW	Orange/Blue	100	Sleeve	15A	4	52	1.41
02549-88-P1	12/3	SJTW	Purple/White	100	Sleeve	15A	4	52	1.41
02509-06-41	12/3	SJTW	Red/White/Blue	100	Sleeve	15A	4	52	1.41
02648-00-54	10/3	SJTW	Lime Green/Red	50	Disk	15A	4	46	1.41
02648-00-64	10/3	SJTW	Blue/Red	50	Disk	15A	4	46	1.41
02649-00-54	10/3	SJTW	Lime Green/Red	100	Disk	15A	3	68	1.41
02649-00-64	10/3	SJTW	Blue/Red	100	Disk	15A	3	68	1.41



Custom Extension Cords

Custom Colors

Choose from one of Coleman Cable's custom colors or Coleman Cable can customize a color to meet your needs.

Custom Compounds

Choose from vinyl extension cords - SJTW and STW or Polar/Sola® extension cords - SJEOW and SEOW. Coleman Cable's Polar/Solar® extension cords are lightweight, extremely abrasion resistant (2-1/2 times greater abrasion resistance than many cords), oil resistant, very flexible at all temperatures down to -67° F, and feature clear ends with a power indicator light in the female receptacle.










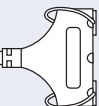

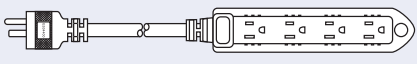
Custom Striping

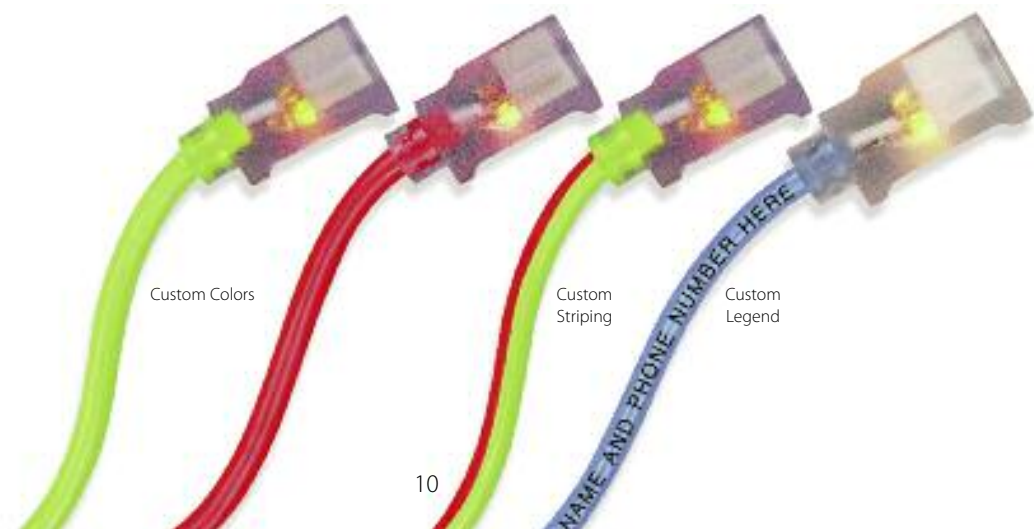
Pick a unique cord color and extruded stripe color combination. The stripe will not wear off over time like a painted stripe. Numerous stock colors mean that you can choose from hundreds of different STRIPES™ cord combinations!

Custom Legend

Personalize your cords with a custom indent print or a custom surface ink print. Put your company name and phone number on all your extension cords!

Call Coleman Cable customer service at 1-800-323-9355 to design your custom cords.

Single Outlet Extension Cord			
NEMA 5-15P			NEMA 5-15R
NEMA 5-15P			NEMA 5-15R
NEMA 5-15P			U-Lock® NEMA 5-15R
Twist-To-Lock NEMA L5-20P			Twist-To-Lock NEMA L5-20R
Tri-Source® Extension Cord			
NEMA 5-15P			(3) NEMA 5-15R
Quadnector® Extension Cord			
NEMA 5-15P			(4) NEMA 5-15R





High Visibility/Low Temperature

All Weather Cords Featuring Lighted End

High visibility, bright blue cord is easily identified on the jobsite. Coleman Cable's new vinyl compound provides super-flexibility at temperatures down to -45°F. Reinforced blades help prevent accidental bending or breaking and a heavy-duty strain relief protects electrical connections resulting in longer cord life. High Visibility/Low Temperature extension cords come standard with power indicator light in the receptacle to show that the power is on.



02467



03268

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
02367	16/3	SJTW	Blue	25	Sleeve	13A	12	19	.84
02368	16/3	SJTW	Blue	50	Sleeve	13A	12	38	1.37
02369	16/3	SJTW	Blue	100	Sleeve	10A	6	35	1.27
02467	14/3	SJTW	Blue	25	Sleeve	15A	6	13	.52
02468	14/3	SJTW	Blue	50	Sleeve	15A	6	26	1.16
02469	14/3	SJTW	Blue	100	Sleeve	13A	3	24	.78
02568	12/3	SJTW	Blue	50	Sleeve	15A	4	24	1.35
02569	12/3	SJTW	Blue	100	Sleeve	15A	4	24	1.41
Tri-Source® Three-Way Power Block									
03267	14/3	SJTW	Blue	25	Sleeve	15A	6	14	.51
03268	14/3	SJTW	Blue	50	Sleeve	15A	6	27	.85
04168	12/3	SJTW	Blue	50	Sleeve	15A	6	40	1.14
04169	12/3	SJTW	Blue	100	Sleeve	15A	4	51	1.44

Cord Storage



Coleman Cable's storage devices are ideal for storage of Coleman Cable Cords.



03524

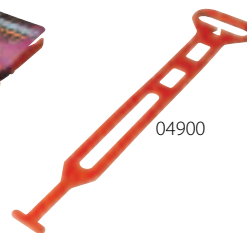
CAT NO	DESCRIPTION	COLOR	MAX QTY 16/3 CORD	MASTER PACK	MASTER WT	MASTER PACK CUBE
03527	Cord Wrap	Orange	100 ft.	12	6	1
03526	12" Cord Wheel	Orange	100 ft.	6	14	4
03524	Cord Stand	Orange	200 ft.	6	12	4.06
04900	Handy Handle	Red	200 ft.	15	1.88	.28



03524



03527



04900



Vinyl Landscape Outdoor Extension Cords



Color-Coordinated to Naturally Blend with Outdoor Settings

Available in green, white, or beige to blend with grass, patios, and decks. Durable vinyl jacket resists moisture, abrasion, and prolonged exposure to sunlight.



02352-01



02356-05

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
Three Conductor									
02352-05	16/3	SJTW	Green	20	Sleeve	13A	12	17	.77
02352-01	16/3	SJTW	White	20	Sleeve	13A	12	17	.77
02352-23	16/3	SJTW	Beige	20	Sleeve	13A	12	17	.77
02356-05	16/3	SJTW	Green	40	Sleeve	13A	12	37	1.19
02356-01	16/3	SJTW	White	40	Sleeve	13A	12	37	1.19
02356-23	16/3	SJTW	Beige	40	Sleeve	13A	12	37	1.19
02353-05	16/3	SJTW	Green	80	Sleeve	10A	6	37	1.01
02353-01	16/3	SJTW	White	80	sleeve	10A	6	37	1.01
02353-23	16/3	SJTW	Beige	80	Sleeve	10A	6	37	1.01
Tri-Source® Three-Way Power Block									
02357-23	16/3	SJTW	Beige	40	Sleeve	13A	8	24	.91

Multi-Outlet Vinyl Extension Cords



Three- and Four-Way Power Blocks

Innovative block provides additional outlets for power distribution. Vinyl jacket resists moisture, abrasion, and prolonged exposure to sunlight. Reinforced blades help prevent accidental bending or breaking and a heavy-duty strain relief protects electrical connections resulting in longer cord life.



04187

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
Tri-Source® Three-Way Power Block									
04003*	16/3	SJTW	Orange	3	Sleeve	13A	24	26	.60
04006*	16/3	SJTW	Orange	9	Sleeve	13A	24	35	1.36
04004	14/3	SJTW	Orange	6	Sleeve	15A	18	19	.77
04217	14/3	SJTW	Orange	25	Sleeve	15A	12	33	.94
04218	14/3	SJTW	Orange	50	Sleeve	15A	6	30	.85
04219	14/3	SJTW	Orange	100	Sleeve	13A	6	55	1.43
Tri-Source® Three-Way Power Block with Lighted End									
04112	12/3	SJTW	Orange	2	Sleeve	15A	12	11	.40
04187	12/3	SJTW	Yellow	25	Sleeve	15A	12	45	1.34
04188	12/3	SJTW	Yellow	50	Sleeve	15A	6	42	1.14
04189	12/3	SJTW	Yellow	100	Sleeve	15A	4	53	1.28
Quadnector® Four-Way Power Block									
04102*	12/3	SJTW	Orange	6	Sleeve	15A	6	9	.64
04107*	12/3	SJTW	Orange	25	Sleeve	15A	6	25	1.14
04108*	12/3	SJTW	Orange	50	Box	15A	4	32	2.02
04109*	12/3	SJTW	Orange	100	Box	15A	4	56	2.02
Quadnector® Four-Way Power Block – 600 volt Rated									
04207*	12/3	STW	Orange	25	Sleeve	15A	6	36	2.36
04208*	12/3	STW	Orange	50	Box	15A	4	47	2.02
04209*	12/3	STW	Orange	100	Box	15A	3	67	1.25

* Rated for Indoor Use Only



Vinyl Extension Cords

These all-purpose cords resist moisture, abrasion, and prolonged exposure to sunlight for durability.

Vinyl Outdoor Extension Cords



Molded, water resistant connectors with reinforced blades make these cords suitable for outdoor use.



02307



02408



02589

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
Two Conductor									
02204	16/2	SJTW	Orange	10	Sleeve	13A	24	18	.61
02210	16/2	SJOW	Black	15	Sleeve	13A	24	19	.88
02207	16/2	SJTW	Orange	25	Sleeve	13A	12	16	.82
02208	16/2	SJTW	Orange	50	Sleeve	13A	12	32	1.31
02209	16/2	SJTW	Orange	100	Sleeve	10A	6	31	1.29
Three Conductor									
02304	16/3	SJTW	Orange	10	Sleeve	13A	24	18	.75
02211	16/3	SJOW	Black	10	Sleeve	13A	24	19	.79
02305	16/3	SJTW	Orange	15	Sleeve	13A	18	24	.76
02306	16/3	SJTW	Black	15	Sleeve	13A	18	24	.75
02307	16/3	SJTW	Orange	25	Sleeve	13A	12	25	.76
02308	16/3	SJTW	Orange	50	Sleeve	13A	12	46	1.16
02309	16/3	SJTW	Orange	100	Sleeve	10A	6	45	1.19
02407	14/3	SJTW	Red	25	Sleeve	15A	12	35	.90
02408	14/3	SJTW	Red	50	Sleeve	15A	6	29	.82
02409	14/3	SJTW	Red	100	Sleeve	13A	6	60	1.41
Three Conductor – Lighted End									
02587	12/3	SJTW	Yellow	25	Sleeve	15A	12	40	1.21
02588	12/3	SJTW	Yellow	50	Sleeve	15A	6	40	1.41
02589	12/3	SJTW	Yellow	100	Sleeve	15A	4	52	1.41
02687	10/3	SJTW	Yellow	25	Sleeve	15A*	6	36	1.14
02688	10/3	SJTW	Yellow	50	Box	15A*	4	48	1.00
02689	10/3	SJTW	Yellow	100	Box	15A*	3	70	1.25
Three Conductor Large Cap and Conductor – 600 Volt Rated									
02457	14/3	SJTW	Orange	100	Sleeve	15A	6	26	1.41
02458	14/3	SJTW	Orange	25	Box	15A	4	34	2.02
02459	14/3	SJTW	Orange	50	Box	13A	3	50	1.25
02557	12/3	SJTW	Orange	100	Sleeve	15A	6	34	2.38
02558	12/3	SJTW	Orange	50	Box	15A	4	45	2.02
02559	12/3	SJTW	Orange	100	Box	15A	3	65	1.25

* Plug and receptacle rated 15A



Generator Power Cords and Adapters



Generator Power Cords



01910

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
<i>Temporary power cord with three 15 amp receptacles and one male 5-15P plug engineered to work exclusively with generators or other equipment rated to or less than 15 amps.</i>									
01910*	12/3	SJTW	Yellow	25	Card	15A	12	44.5	2.20
<i>Temporary power cord with three 15 amp receptacles and one male 5-20P plug engineered to work exclusively with generators or other equipment rated to or less than 15 amps.</i>									
01911	10/3	SJTW	Yellow	25	Card	15A	6	36.5	1.41
<i>Temporary power cord with three 15 amp receptacles and one male L5-30P plug engineered to work exclusively with generators or other equipment rated to or less than 15 amps.</i>									
01912	10/3	SJTW	Yellow	25	Card	15A	6	35.6	1.41

* UL Listed



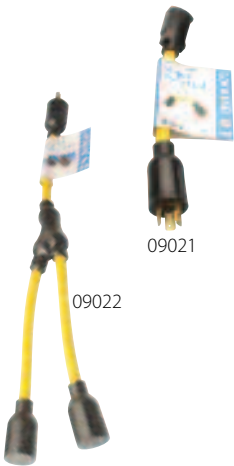
NEMA L5-20R
20A 125V
UL/CSA
1 HP

Twist-To-Lock Extension Cords



CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
SJTW Extension Cords (NEMA L5-20P to NEMA L5-20R)									
09208	12/3	SJTW	Yellow	50	Box	20A	6	41	1.94
09209	12/3	SJTW	Yellow	100	Box	15A	4	52	1.77
STW Extension Cords, (NEMA L5-20P to NEMA L5-20R) – 600 Volt Rated									
09028	12/3	STW	Yellow	50	Box	20A	4	40	1.93
09029	12/3	STW	Yellow	100	Box	15A	3	60	2.63

Twist-To-Lock Adapters



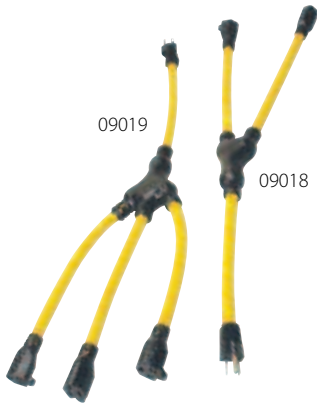
09020

09021

09023

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
Adapters									
<i>Standard 15A U-Ground plug (NEMA 5-15P), Twist-To-Lock 20A receptacle (NEMA L5-20R)</i>									
09020	12/3	STW	Yellow	9 inches	Sleeve	–	10	5	.29
<i>Twist-To-Lock 20A plug (NEMA L5-20P), Standard 15A U-Ground receptacle (NEMA 5-15R)</i>									
09021	12/3	STW	Yellow	9 inches	Sleeve	–	10	6	.24
“Y” Adapter									
<i>Twist-To-Lock 20A plug (NEMA L5-20P), two Twist-To-Lock 20A receptacle (NEMA L5-20R)</i>									
09022	12/3	STW	Yellow	20 inches	Sleeve	20A	10	14	1.07
“W” Adapter									
<i>Twist-To-Lock 20A plug (NEMA L5-20P), three Twist-To-Lock 20A receptacle (NEMA L5-20R)</i>									
09023	12/3	STW	Yellow	20 inches	Sleeve	20A	10	16	1.04
Tri-Source® Adapter									
<i>Twist-To-Lock 20A plug (NEMA L5-20P), Standard 15A U-Ground Tri-Source® receptacle (NEMA 5-15R)</i>									
09084	12/3	STW	Yellow	24 inches	Sleeve	20A	10	15	.54





Vinyl "Y" and "W" Adapters

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
15A "Y" Adapter									
09018	12/3	STW	Yellow	2	Sleeve	15A	12	20	1.96
15A "W" Adapter									
09019	12/3	STW	Yellow	2	Sleeve	15A	12	25	1.09

Generator Power Cords and Adapters – **NEW!**

CAT NO	DESCRIPTION	LENGTH IN FT	PACKAGE TYPE	STD PACK	MASTER WT	MASTER PACK CUBE	NEMA PLUG	NEMA CONNECTOR
01914	10/3 STOW "Y" L5-30P to (2) Lighted L5-20R	3	Box	4	11	0.777	L5-30P	(2) L5-20R
01915	10/3 STOW "Y" L5-30P to (2) Lighted 5-20R	3	Box	4	11	0.777	L5-30P	(2) 5-20R
01923	12/4 STOW "Y" L14-20P to 12/3 (2) Lighted L5-20R	3	Box	4	12	0.777	L14-20P	(2) L5-20R
01924	12/4 STOW "Y" L14-20P to 12/3 (2) Lighted 5-20R	3	Box	4	12	0.777	L14-20P	(2) 5-20R
01933	10/4 STOW "Y" L14-30P to 10/3 (2) Lighted L5-20R	3	Box	4	11	0.777	L14-30P	(2) L5-20R
01934	10/4 STOW "Y" L14-30P to 10/3 (2) Lighted 5-20R	3	Box	4	11	0.777	L14-30P	(2) 5-20R
02618	10/3 SJTOW 5-20P to Lighted 5-20R	50	Disk	2	22	0.848	5-20P	5-20R
02619	10/3 SJTOW 5-20P to Lighted 5-20R	100	Disk	2	45	1.2	5-20P	5-20R
02861	10/3 STOW "Y" L5-30P GFCI to (2) Lighted L5-20R	3	Box	2	6	0.424	L5-30P	(2) L5-20R
02862	10/3 STOW "Y" L5-30P GFCI to (2) Lighted 5-20R	3	Box	2	6	0.424	L5-30P	(2) 5-20R
09058	10/3 SJTOW L5-20P to Lighted L5-20R	50	Disk	2	22	1.66	L5-20P	L5-20R
09059	10/3 SJTOW L5-20P to Lighted L5-20R	100	Disk	2	45	2.33	L5-20P	L5-20R
09084	12/3 STW L5-20P to Lighted Tri-Source® 5-15R	2	Sleeve	6	10	0.389	L5-20P	(3) 5-15R



CCI's Hand-Pack boxes provide immediate Counter/Shelf displays.



Replacement Plugs & Connectors



All jobsites require rugged, safe replacement wiring devices when the need arises. Safety issues lead to a heavier-duty design able to withstand harsh job-site conditions. **Construction-Grade** devices have tough, vinyl or nylon housing with many built-in features for speed, safety and assembly convenience. 15A, 20A, new 30A and 50A models address a wide range of customer needs, including locking 20A-50A applications. **Industrial-Grade** 15A devices have high visibility yellow housings designed for extended life for harsh, abusive IP20 and IP55 applications. **Watertight-Grade** 15A devices all have high visibility yellow housings designed for IP20 and IP55 applications where water is prevalent.



CAT NO	DESCRIPTION	DUTY	MASTER PACK	MASTER WT
NEMA 5-15 15A 125v Straight Blade				
05984	15A/125v NEMA 5-15 Yellow Vinyl Male Plug	Construction	20	1
05985	15A/125v NEMA 5-15 Yellow Vinyl Female Connector	Construction	20	1
05966	15A/125v NEMA 5-15 Right Angle Male Plug – NEW!	Construction	10	1.5
05967	15A/125v NEMA 5-15 Lighted Female Connector – NEW!	Construction	10	1.5
05990	15A/125v NEMA 5-15 Yellow Rubber 1447 Male Plug	Industrial	10	1.5
05991	15A/125v NEMA 5-15 Yellow Rubber 1547 Female Connector	Industrial	10	2
05992	15A/125v NEMA 5-15 Yellow Watertight 14W47 Male Plug	Watertight	10	2
05993	15A/125v NEMA 5-15 Yellow Watertight 15W47 Female Connector	Watertight	10	3.5
NEMA L5-20 20A 125v Locking				
05986	20A/125v NEMA L5-20P Locking Nylon Male Plug	Construction	10	2.5
05987	20A/125v NEMA L5-20C Locking Nylon Female Connector	Construction	10	3
NEMA L5-30 30A 125v Locking				
05962	30A/250v NEMA L5-30 Locking Nylon Male Plug	Construction	10	2.5
05963	30A/250v NEMA L5-30 Locking Nylon Female Connector	Construction	10	3
NEMA L6-30 30A 250v Locking				
05964	30A/250v NEMA L6-30 Locking Nylon Male Plug	Construction	10	2.5
05965	30A/250v NEMA L6-30 Locking Nylon Female Connector	Construction	10	2.5
50A 125/250v Locking				
05974	50A/125/250v Locking Marincos Male Plug	Construction	4	5
05975	50A/125/250v Locking Marincos Female Connector	Construction	4	4.2
05958	50A/125/250v Locking Male Plug	Construction	4	5
05959	50A/125/250v Locking Female Connector	Construction	4	4.2





X-Treme Box™



The X-Treme Box™ is a portable, flexible, rugged and reliable power distribution center for all jobsite conditions. It is an economical solution for electrical hook up on any worksite. For expandability, run up to four boxes at 400ft. in series before significant voltage drop occurs. A heavy-gauge carbon-steel case with corrosion resistant finish and a steel-reinforced sled base offer excellent durability. The X-Treme Box™ offers the most advanced GFCI technology to virtually eliminate the possibility of electrical shock. All boxes feature seven overload protected outlets, with GFCI, open neutral and over-voltage protection on all 20A outlets. Model 1950 is used where water is not likely to enter the enclosure. Models 1960 and 1970 are Rainproof NEMA 3R enclosures.

Applications: Commercial – for Indoor/outdoor construction residential, renovation and demolition. Entertainment – for stage, concerts, broadcasting and cinema. Institution – for sports, special events and convention centers.

Compliance: ETL Listed US and Canada.



01950



01960

CAT NO	PORTABLE POWER DISTRIBUTION CENTER	50A POWER INLET	50A POWER OUTLETS	30A POWER OUTLET	20A POWER OUTLETS	OVERLOAD, OVER-VOLTAGE & OPEN-NEUTRAL PROTECTION	MASTER PACK	MASTER WT	MASTER PACK CUBE
01950	NEMA Type 1	125/250v Twist-To-Lock	125/250v Twist-To-Lock	250v L6-30R w/Cover	(6) 20A 125v L5-20R Twist-To-Locks w/Cover	50A-None 30A Circuit Breaker Protected 20A GFCI & Circuit Breaker Protected	1	34	2.54
01960	Rainproof NEMA 3R	125/250v Twist-To-Lock w/Cover	125/250v Twist-To-Lock w/Cover	250v L6-30R Twist-To-Lock w/Cover	(6) 20A 125v L5-20R Twist-To-Locks w/Cover	50A-None 30 A Circuit Breaker Protected 20A GFCI & Circuit Breaker Protected	1	34	2.54
01970	Rainproof NEMA 3R	125/250v Twist-To-Lock w/Cover	125/250v Twist-To-Lock w/Cover	250v L6-30R Twist-To-Lock w/Cover	(6) 20A 125v 5-20R Straight Blades w/Cover	50A - None 30A Circuit Breaker Protected 20A GFCI & Circuit Breaker Protected	1	34	2.54

Power Distribution Extension Cords



Rugged temporary power cords are designed for use with the X-Treme Box™ to handle 50A 3-Pole/4-Wire 125/250v AC.



01938

CAT NO	50A 6/3 & 8/1 125/250V CORD SETS	MASTER PACK	MASTER WT	MASTER PACK CUBE
01938	50ft SEOW w Hubbell Ends	1	27	.75
01939	100ft SEOW w Hubbell Ends	1	54	1.3
02918	50ft STW w Marincos Ends	1	29	1.41
02919	100ft STW w Marincos Ends	1	57	1.24

Replacement Ends/Adapters

Replacement ends are constructed with impact and chemical resistant nylon and designed to keep out moisture and dust.



05958

05959



05974

05975

CAT NO	50A 3-POLE/4-WIRE 125/250V PLUGS/CONNECTORS/ADAPTERS	MASTER PACK	MASTER WT	MASTER PACK CUBE
05974*	50A Marincos Male Plug	4	2	.26
05975*	50A Marincos Female Connector	4	2	.26
05958*	50A Hubbell Male Plug	4	2	.26
05959*	50A Hubbell Female Connector	4	2	.26
01920	6/4 SEOW 50A "Y" Adapter	1	4	2.25

* UL and CSA Listed



GFCI



GFCI – Ground Fault Circuit Interrupters

Provide personal protection from ground faults and open neutral conditions anywhere electrical equipment is used. All GFCIs are compact, weatherproof/rainproof and engineered to handle rugged conditions of any jobsite. All models feature molded connectors, 12 or 14 gauge OSHA safety yellow cords, heavy-duty strain relief, reinforced blades and pins, manual "Test/Reset" buttons, and industrial grade relays.

Right Angle



Right Angle models offer a variety of receptacles and cord lengths that are perfect where space is at a premium.



02832



03392

PAT NO	LENGTH IN FT	DESCRIPTION	AMP/VOLT/WATT/RATING	RELAY CAPACITY	MASTER PACK	MASTER WT	MASTER PK CUBE
02832	2	12/3 SJTW Tri-Source®	15A 120V/1800W UL/CSA Listed	15A	6	9	.40
02837	25	12/3 SJEOW Tri-Source®	15A 120V/1800W UL/CSA Listed	15A	6	25	1.13
02838	50	12/3 SJEOW Tri-Source®	15A 120V/1800W UL/CSA Listed	15A	6	43	1.41
02839	100	12/3 SJEOW Tri-Source®	15A 120V/1800W UL/CSA Listed	15A	4	52	1.41
03392	2	12/3 SJTW Lighted Tri-Source®	15A 120V/1800W UL/CSA Listed	15A	4	6	.40
02834	2	12/3 SJTW Single Outlet	15A 120V/1800W UL/CSA Listed	15A	6	7	.10

In-Line



In-Line models offer a variety of receptacles with 20A and 30A relay units.



02841

PAT NO	LENGTH IN FT	DESCRIPTION	AMP/VOLT/WATT/RATING	RELAY CAPACITY	MASTER PACK	MASTER WT	MASTER PK CUBE
02841	2.5	12/3 SJTW Tri-Source®	15A 120V/1800W UL/CSA Listed	20A	6	6	.63
02851	2.5	12/3 SEOW Tri-Source® Extra Heavy-Duty	15A 120V/1800W UL Listed	30A	6	8	.63

Duplex Boxes



High impact resin with a slant-roof design to prevent water entry. Receptacles can accommodate large plugs.



02822

PAT NO	LENGTH IN FT	DESCRIPTION	AMP/VOLT/WATT/RATING	RELAY CAPACITY	MASTER PACK	MASTER WT	MASTER PK CUBE
02822	6	12/3 SJTW GFCI w test/reset buttons	15A 120V/1800W UL Listed	25A	6	15	.93
02827	25	14/3 SJEOW GFCI w test/reset buttons	15A 120V/1800W UL Listed	25A	1	3	.26
02828	50	14/3 SJEOW GFCI w test/reset buttons	15A 120V/1800W UL Listed	25A	1	5	.36

Quad Boxes



High impact resin with a slant-roof design to prevent water entry. Receptacles can accommodate large plugs.



02821

PAT NO	LENGTH IN FT	DESCRIPTION	AMP/VOLT/WATT/RATING	RELAY CAPACITY	MASTER PACK	MASTER WT	MASTER PK CUBE
02816	6	12/3 SJTW GFCI w handle, test/reset buttons	15A 120V/1800W UL Listed	25A	2	6	.36
02821	6	12/3 SJTW GFCI w handle, test/reset buttons	20A 120V/1800W UL Listed	25A	2	6	.36

User Attachable



Convert your extension cords, tools, and equipment to add GFCI protection.



02831

PAT NO	LENGTH IN FT	DESCRIPTION	AMP/VOLT/WATT/RATING	RELAY CAPACITY	MASTER PACK	MASTER WT	MASTER PK CUBE
02831	-	15A User-Attachable GFCI	15A 120V/1800W UL/CSA Listed	15A	10	7	1.0

Plug-In with Surge Protection



Converts any standard receptacle into a GFCI surge protected outlet.

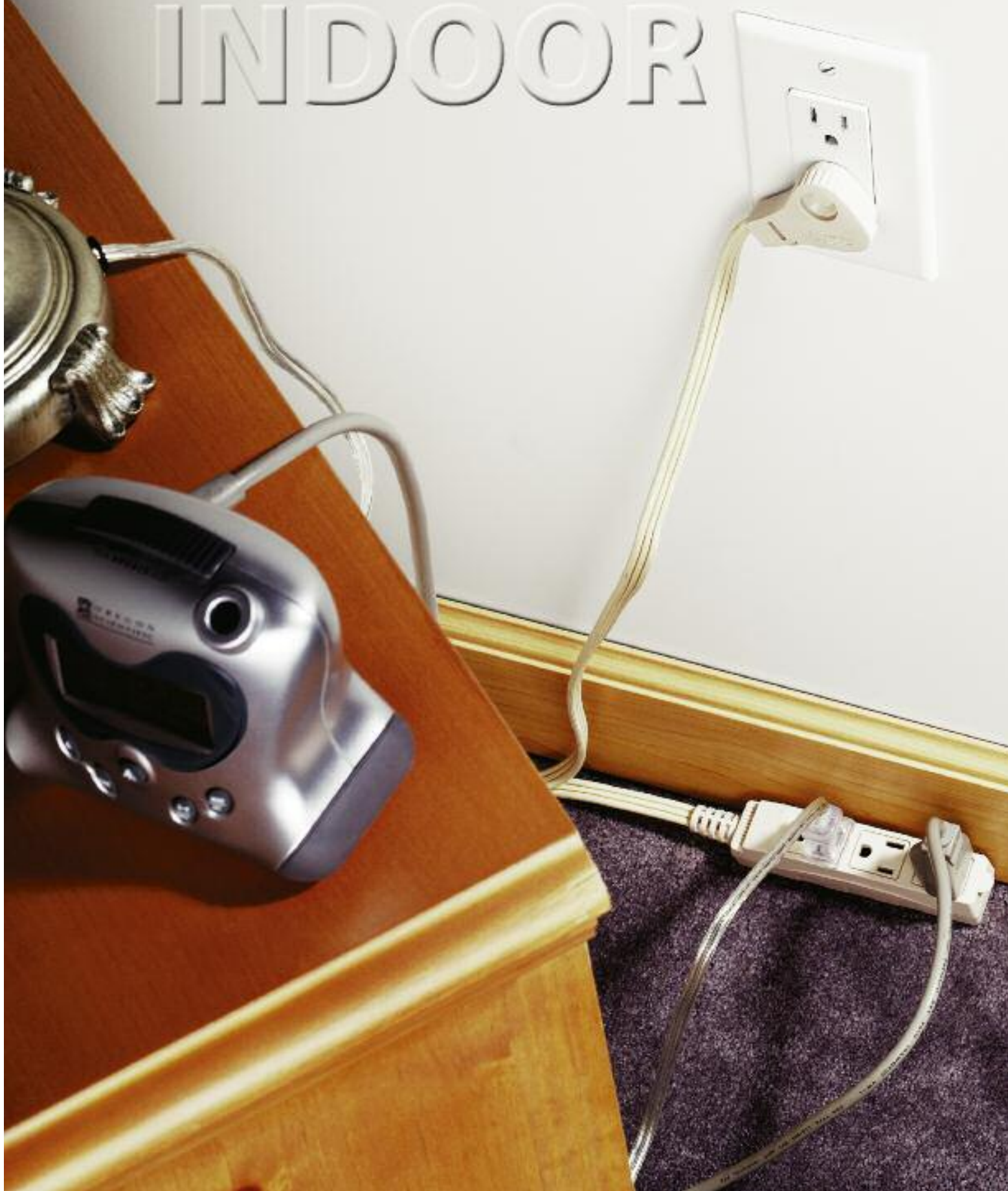


02800

PAT NO	LENGTH IN FT	DESCRIPTION	AMP/VOLT/WATT/RATING	RELAY CAPACITY	MASTER PACK	MASTER WT	MASTER PK CUBE
02800	-	15A GFCI Converter for Standard Receptacles	15A 120V/1800W UL Listed	15A	12	8	.34



INDOOR



INDOOR

Indoor Contents

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09404



09412



09407



03507



Indoor Extension Cords

Cube Tap Extension Cords



Plug and three-outlet polarized connector for convenient use. Each connector has a safety cover or slide covers permanently attached.

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
Cube Taps									
09401	16/2	SPT-2	Brown	6	Sleeve	13A	48	15	.67
09402	16/2	SPT-2	Brown	9	Sleeve	13A	36	16	.69
09403	16/2	SPT-2	Brown	12	Sleeve	13A	36	20	.68
09404	16/2	SPT-2	Brown	15	Sleeve	13A	24	16	.50
09405	16/2	SPT-2	Brown	20	Sleeve	13A	24	19	.70
09411	16/2	SPT-2	White	6	Sleeve	13A	48	15	.67
09412	16/2	SPT-2	White	9	Sleeve	13A	36	16	.69
09413	16/2	SPT-2	White	12	Sleeve	13A	36	20	.68
09414	16/2	SPT-2	White	15	Sleeve	13A	24	16	.50
09415	16/2	SPT-2	White	20	Sleeve	13A	24	19	.70
03520-01	16/3	SPT-2	White	8	Sleeve	13A	24	15	.44
03520-07	16/3	SPT-2	Brown	8	Sleeve	13A	24	15	.44
Remote Control Cord									
09345	16/2	SPT-2	White	15	Sleeve	10A	24	26	.66

Split Cube Tap Extension Cords



Cord splits in 2 directions – 6 feet each.

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
09406	16/2	SPT-2	Green	12	Clamshell	13A	24	15	1.06
09408	16/2	SPT-2	Brown	12	Clamshell	13A	24	15	1.06
09418	16/2	SPT-2	White	12	Clamshell	13A	24	15	1.06

SlenderPlug® Cube Tap Extension Cords



Plug design allows you to move furniture closer to the wall and helps prevent cord and plug damage. SlenderPlug™ cube taps feature an electro-luminescent lighted plug.

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
09407	16/2	SPT-2	Brown	7	Sleeve	13A	24	9	.44
09409	16/2	SPT-2	Brown	11	Sleeve	13A	24	15	.44
09417	16/2	SPT-2	White	7	Sleeve	13A	24	9	.44
09419	16/2	SPT-2	White	11	Sleeve	13A	24	15	.44

SlenderPlug® – Grounded 3 Outlet Trinector® Plug



Plug design allows you to move furniture closer to the wall and helps prevent cord and plug damage. The Trinector® receptacle has 3 grounded outlets.

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
03507	16/3	SPT-2	Beige	6	Sleeve	13A	24	13	.45
03508	16/3	SPT-2	Beige	12	Sleeve	13A	24	18	.64
03517	16/3	SPT-2	White	6	Sleeve	13A	24	13	.50
03518	16/3	SPT-2	White	12	Sleeve	13A	24	18	.64
03519	14/3	SJT	White	6	Sleeve	15A	18	17	.64

Appliance Cords



Range & Dryer Cords

Thick vinyl insulation with right angle male plug. Strain relief clamp helps prevent cord damage. Hardware included.



CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
Range Cords – Three Conductor, Flat Cord									
09014	6/2 & 8/1	SRDT	Gray	4	Poly Bag	50A	12	20	.73
09015	6/2 & 8/1	SRDT	Gray	5	Poly Bag	50A	12	25	.82
09016	6/2 & 8/1	SRDT	Gray	6	Poly Bag	50A	12	30	.86
Range Cords – Four Conductor, Round Cord									
09044	6/2 & 8/2	SRDT	Black	4	Poly Bag	50A	12	34	1.07
09045	6/2 & 8/2	SRDT	Black	5	Poly Bag	50A	12	42	1.10
09046	6/2 & 8/2	SRDT	Black	6	Poly Bag	50A	12	50	1.25
Dryer Cords – Three Conductor, Flat Cord									
09124	10/3	SRDT	Gray	4	Poly Bag	30A	12	16	.74
09125	10/3	SRDT	Gray	5	Poly Bag	30A	12	17	.77
09126	10/3	SRDT	Gray	6	Poly Bag	30A	12	22	.82
Dryer Cords – Four Conductor, Round Cord									
09154	10/4	SRDT	Black	4	Poly Bag	30A	12	26	1.01
09155	10/4	SRDT	Black	5	Poly Bag	30A	12	22	1.02
09156	10/4	SRDT	Black	6	Poly Bag	30A	12	24	1.17

Small Appliance Cords



CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	PIN SPACING	MASTER PACK	MASTER WT	MASTER PACK CUBE
Coffee Maker, Frypan and Small Appliance Cords										
<i>Appliance cord with slotted miniature plugs - fits most electric countertop appliances.</i>										
09303	18/2	HPN	Black	3	Sleeve	10A	1/2"	12	3	.22
09306	18/2	HPN	Black	6	Sleeve	10A	1/2"	12	4	.17
Office Machine Cord										
<i>Fits calculators and other small office machines.</i>										
09307	18/2	SPT-2	White	6	Sleeve	10A	5/16"	12	4	.17
Roaster, Broiler Appliance Cord										
<i>Fits standard brand roasters, broilers and deep fryers.</i>										
09326	16/2	HPN	Black	6	Sleeve	15A	1-1/16"	12	4	.17
Replacement Iron Cord										
<i>For irons and other heat producing appliances.</i>										
09327	16/2	HPN	Black	6	Sleeve	15A	NA	12	4	.17
Small Appliance Cord										
<i>For use with heat producing appliances rated up to 1250 watts.</i>										
09316	18/2	HPN	Black	6	Sleeve	10A	11/16"	12	4	.18
Small Appliance/Heater Extension Cord										
<i>NEMA 1-15R receptacle.</i>										
09336	16/2	HPN	Black	6	Sleeve	10A	NA	12	4	.20



Vacuum Cleaner Extension Cords



For indoor use only.

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
03528	16/2	SVT	Black	18	Sleeve	13A	12	12	.37



03532

Air Conditioner/Major Appliance Cords



Three conductor heavy duty flat vinyl. Right angle male plug. Sturdy cord for use with air conditioners, power tools and major appliances. Grounded, right-angle, male plugs guard against accidental disconnection.

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
03531	14/3	SPT-3	Beige	3	Sleeve	15A	36	22	.84
03532	14/3	SPT-3	Beige	6	Sleeve	15A	24	20	.58
03533	14/3	SPT-3	Beige	9	Sleeve	15A	18	18	.85
03535	14/3	SPT-3	Beige	12	Sleeve	15A	12	16	.50
03536	14/3	SPT-3	Beige	15	Sleeve	15A	12	19	.62
03537*	14/3	SPT-3	Gray	9	Sleeve	20A/250	18	20	1.05

* NEMA 6-20P Plug and 6-20R Receptacles



Replacement Power Supply Cords



CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
Two Conductor									
<i>Water/oil resistant, superior abrasion resistance.</i>									
09853	16/2	SJE0	Black	6	Sleeve	13A	50	18	1.14
09854	16/2	SJE0	Black	9	Sleeve	13A	50	25	1.41
Three Conductor									
<i>Water/oil resistant, superior abrasion resistance.</i>									
09855	16/3	SJE0	Black	6	Sleeve	13A	50	23	1.14
09856	16/3	SJE0	Black	9	Sleeve	13A	50	32	1.41
09857	14/3	SJE0	Black	6	Sleeve	15A	25	15	1.14
09858	14/3	SJE0	Black	9	Sleeve	15A	25	21	1.41
Three Conductor									
09702	16/3	SJTW	Black	6	Sleeve	13A	25	9	.50
09703	16/3	SJTW	Black	3	Sleeve	13A	25	10	.32
09706	16/3	SJTW	Black	6	Sleeve	13A	25	13	.54
09709	16/3	SJTW	Black	9	Sleeve	13A	25	22	.60
09716	14/3	SJTW	Black	6	Sleeve	15A	25	18	.56
09719	14/3	SJTW	Black	9	Sleeve	15A	25	23	.74
09733	16/3	SPT-3	Gray	3	Sleeve	13A	25	6	.31
09734	16/3	SPT-3	Gray	4	Sleeve	13A	25	9	.28
09736	16/3	SPT-3	Gray	6	Sleeve	13A	25	12	.30
09724*	16/3	SPT-3	Gray	4	Sleeve	13A	25	9	.32
09726*	16/3	SPT-3	Gray	6	Sleeve	15A	25	12	.31
09743	14/3	SPT-3	Beige	3	Sleeve	15A	25	10	.32
09746	14/3	SPT-3	Beige	6	Sleeve	15A	25	18	.54

* Right Angle Plug



12 Ft. Plan-O-Gram



CAT NO	LENGTH IN FT	WIRE TYPE	DESCRIPTION	COLOR
09411	6	SPT-2	Indoor Extension Cord	White
09412	9	SPT-2	Indoor Extension Cord	White
09414	15	SPT-2	Indoor Extension Cord	White
09401	6	SPT-2	Indoor Extension Cord	Brown
09402	9	SPT-2	Indoor Extension Cord	Brown
09404	15	SPT-2	Indoor Extension Cord	Brown
09417	7	SPT-2	Indoor Extension Cord with Right Angle Plug	White
09419	11	SPT-2	Indoor Extension Cord with Right Angle Plug	White
09303	3	NPN	18/2 10 Amp Small Appliance Cord	Black
09306	6	NPN	18/2 10 Amp Small Appliance Cord	Black
09316	6	NPN	16/2 15 Amp Small Appliance Cord	Black
09326	6	NPN	16/2 15 Amp Roaster/Broiler Cord	Black
09327	6	NPN	16/2 Replacement Iron Cord	Black
03531	3	SPT-3	14/3 Major Appliance Cord	Beige
03532	6	SPT-3	14/3 Major Appliance Cord	Beige
09854	9	SJEO	16/2 13 Amp Replacement Power Cord	Black
09858	9	SJEO	14/3 Replacement Power Cord	Black
09706	6	SJTW	16/3 Power Supply Cord	Black
09719	9	SJTW	16/3 Power Supply Cord	Black
09736	6	SPT-3	16/3 Power Supply Cord	Gray
09726	6	SPT-3	16/3 Power Supply Cord with Right Angle Plug	Gray
09746	6	SPT-3	14/3 Power Supply Cord with Right Angle Plug	Beige
09016	6	SRDT	Range Cord – 3 Conductor	Gray
09014	4	SRDT	Range Cord – 3 Conductor	Gray
09046	6	SRDT	Range Cord – 4 Conductor	Gray
09044	4	SRDT	Range Cord – 4 Conductor	Gray
09126	6	SRDT	10/3 Dryer Cord – 3 Conductor	Gray
09125	4	SRDT	10/3 Dryer Cord – 3 Conductor	Gray
09156	6	SRDT	10/4 Dryer Cord – 4 Conductor	Gray
09154	4	SRDT	10/4 Dryer Cord – 4 Conductor	Gray

CAT NO	LENGTH IN FT	WIRE TYPE	DESCRIPTION	COLOR
02356-05	40	SJTW	16/3 Outdoor Extension Cord	Green
02307	25	SJTW	16/3 Outdoor Extension Cord	Orange
02308	50	SJTW	16/3 Outdoor Extension Cord	Orange
02309	100	SJTW	16/3 Outdoor Extension Cord	Orange
02407	25	SJTW	14/3 Outdoor Extension Cord	Red
02408	50	SJTW	14/3 Outdoor Extension Cord	Red
02409	100	SJTW	14/3 Outdoor Extension Cord	Red
04218	50	SJTW	14/3 TriSource Outdoor Extension Cord	Red
02587	25	SJTW	12/3 Outdoor Extension Cord with Lighted Ends	Yellow
02588	50	SJTW	12/3 Outdoor Extension Cord with Lighted Ends	Yellow
02589	100	SJTW	12/3 Outdoor Extension Cord with Lighted Ends	Yellow
04112	2	SJTW	12/3 Outdoor TriSource Extension Cord	Yellow
02548	50	SJTW	12/3 Outdoor Extension Cord with Lighted Ends	Stripes
02549	100	SJTW	12/3 Outdoor Extension Cord with Lighted Ends	Stripes
01497	25	SJEO	14/3 Outdoor Extension Cord with Lighted Ends	Yellow
01498	50	SJEO	14/3 Outdoor Extension Cord with Lighted Ends	Yellow
01499	100	SJEO	14/3 Outdoor Extension Cord with Lighted Ends	Yellow
01697	25	SJEO	12/3 Outdoor Extension Cord with Lighted Ends	Yellow
01698	50	SJEO	12/3 Outdoor Extension Cord with Lighted Ends	Yellow
01699	100	SJEO	12/3 Outdoor Extension Cord with Lighted Ends	Yellow
04187	25	SJTW	12/3 TriSource Outdoor Extension Cord with Lighted Ends	Yellow
04188	50	SJTW	12/3 TriSource Outdoor Extension Cord with Lighted Ends	Yellow
05961	-	-	Brooder Lamp – 10.5" Shade, 6' 18/2 Cord, Porcelain Socket	-
05939	-	-	Reflector Light – 10.5" Shade, 6' 18/2 Cord	-
05932	-	-	Reflector Light – 8.5" Shade, 6' 18/2 Cord	-
05007	-	-	Work Light – 25' SJTW 18/2 Cord with Plastic Guard	-
05327	-	-	Work Light – 25' SJTW 18/3 Cord with Metal Guard	-
05427	-	-	Work Light – 25' SJTW 16/2 Cord with Metal Guard	-
05428	-	-	Work Light – 50' SJTW 16/3 Cord with Metal Guard	-



8 Ft. Plan-O-Gram



CAT NO	LENGTH IN FT	WIRE TYPE	DESCRIPTION	COLOR
09411	6	SPT-2	Indoor Extension Cord	White
09412	9	SPT-2	Indoor Extension Cord	White
09414	15	SPT-2	Indoor Extension Cord	White
09401	6	SPT-2	Indoor Extension Cord	Brown
09402	9	SPT-2	Indoor Extension Cord	Brown
09404	15	SPT-2	Indoor Extension Cord	Brown
09417	7	SPT-2	Indoor Extension Cord with Right Angle Plug	White
09419	11	SPT-2	Indoor Extension Cord with Right Angle Plug	White
03531	3	SPT-3	14/3 Major Appliance Cord	Beige
03532	6	SPT-3	14/3 Major Appliance Cord	Beige
09854	9	SJEO	16/2 13 Amp Replacement Power Cord	Black
09858	9	SJEO	14/3 Replacement Power Cord	Black
09016	6	SRDT	Range Cord – 3 Conductor	Gray
09014	4	SRDT	Range Cord – 3 Conductor	Gray
09046	6	SRDT	Range Cord – 4 Conductor	Gray
09044	4	SRDT	Range Cord – 4 Conductor	Gray
09126	6	SRDT	10/3 Dryer Cord – 3 Conductor	Gray
09125	4	SRDT	10/3 Dryer Cord – 3 Conductor	Gray
09156	6	SRDT	10/4 Dryer Cord – 4 Conductor	Gray
09154	4	SRDT	10/4 Dryer Cord – 4 Conductor	Gray
02356-05	40	SJTW	16/3 Outdoor Extension Cord	Green
02307	25	SJTW	16/3 Outdoor Extension Cord	Orange
02308	50	SJTW	16/3 Outdoor Extension Cord	Orange
02309	100	SJTW	16/3 Outdoor Extension Cord	Orange
02407	25	SJTW	14/3 Outdoor Extension Cord	Red
02408	50	SJTW	14/3 Outdoor Extension Cord	Red
02409	100	SJTW	14/3 Outdoor Extension Cord	Red
04218	50	SJTW	14/3 TriSource Outdoor Extension Cord	Red

CAT NO	LENGTH IN FT	WIRE TYPE	DESCRIPTION	COLOR
02587	25	SJTW	12/3 Outdoor Extension Cord with Lighted Ends	Yellow
02588	50	SJTW	12/3 Outdoor Extension Cord with Lighted Ends	Yellow
02589	100	SJTW	12/3 Outdoor Extension Cord with Lighted Ends	Yellow
04112	2	SJTW	12/3 Outdoor TriSource Extension Cord	Yellow
02548	50	SJTW	12/3 Outdoor Extension Cord with Lighted Ends	Stripes
02549	100	SJTW	12/3 Outdoor Extension Cord with Lighted Ends	Stripes
01497	25	SJEO	14/3 Outdoor Extension Cord with Lighted Ends	Yellow
01498	50	SJEO	14/3 Outdoor Extension Cord with Lighted Ends	Yellow
01499	100	SJEO	14/3 Outdoor Extension Cord with Lighted Ends	Yellow
01697	25	SJEO	12/3 Outdoor Extension Cord with Lighted Ends	Yellow
01698	50	SJEO	12/3 Outdoor Extension Cord with Lighted Ends	Yellow
01699	100	SJEO	12/3 Outdoor Extension Cord with Lighted Ends	Yellow
04187	25	SJTW	12/3 TriSource Outdoor Extension Cord with Lighted Ends	Yellow
04188	50	SJTW	12/3 TriSource Outdoor Extension Cord with Lighted Ends	Yellow
05961	-	-	Brooder Lamp – 10.5" Shade, 6' 18/2 Cord, Porcelain Socket	-
05939	-	-	Reflector Light - 10.5" Shade, 6' 18/2 Cord	-
05932	-	-	Reflector Light – 8.5" Shade, 6' 18/2 Cord	-
05007	-	-	Work Light – 25' SJTW 18/2 Cord with Plastic Guard	-
05327	-	-	Work Light – 25' SJTW 18/3 Cord with Metal Guard	-
05427	-	-	Work Light – 25' SJTW 16/2 Cord with Metal Guard	-
05428	-	-	Work Light – 50' SJTW 16/3 Cord with Metal Guard	-



4 Ft. Plan-O-Gram



CAT NO	LENGTH IN FT	WIRE TYPE	DESCRIPTION	COLOR
09411	6	SPT-2	Indoor Extension Cord	White
09412	9	SPT-2	Indoor Extension Cord	White
09414	15	SPT-2	Indoor Extension Cord	White
09401	6	SPT-2	Indoor Extension Cord	Brown
09402	9	SPT-2	Indoor Extension Cord	Brown
09404	15	SPT-2	Indoor Extension Cord	Brown
09417	7	SPT-2	Indoor Extension Cord with Right Angle Plug	white
09419	11	SPT-2	Indoor Extension Cord with Right Angle Plug	White
03531	3	SPT-3	14/3 Major Appliance Cord	Beige
03532	6	SPT-3	14/3 Major Appliance Cord	Beige
09854	9	SJEO	16/2 13 Amp Replacement Power Cord	Black
09858	9	SJEO	14/3 Replacement Power Cord	Black
09014	4	SRDT	Range Cord – 3 Conductor	Gray
09044	4	SRDT	Range Cord – 4 Conductor	Gray
09125	4	SRDT	10/3 Dryer Cord – 3 Conductor	Gray
09154	4	SRDT	10/4 Dryer Cord – 4 Conductor	Gray
02356-05	40	SJTW	16/3 Outdoor Extension Cord	Green
02307	25	SJTW	16/3 Outdoor Extension Cord	Orange
02308	50	SJTW	16/3 Outdoor Extension Cord	Orange
02309	100	SJTW	16/3 Outdoor Extension Cord	Orange
02407	25	SJTW	14/3 Outdoor Extension Cord	Red
02408	50	SJTW	14/3 Outdoor Extension Cord	Red
02409	100	SJTW	14/3 Outdoor Extension Cord	Red
02587	25	SJTW	12/3 Outdoor Extension Cord with Lighted Ends	Yellow
02588	50	SJTW	12/3 Outdoor Extension Cord with Lighted Ends	Yellow
02589	100	SJTW	12/3 Outdoor Extension Cord with Lighted Ends, Yellow	Yellow
04112	2	SJTW	12/3 Outdoor TriSource Extension Cord	Yellow



Holiday Products

Timers



09355



04609



04604



04602



09350



09352



05776

CAT NO	COLOR	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
Indoor Digital Timer - Up to 7 ON / OFF settings per day					
09355	White	Clamshell	12	5.25	.44
Indoor Mechanical Timer - Easy to program, no pins to lose					
04609	White	Clamshell	12	5.7	.60
Outdoor Digital Timer - 4 easy-to-set modes: dusk-dawn, dusk-1 to 8 hours, daily 1-8 hour programmable, on/off					
04600	Black	Clamshell	12	7.68	.88
Outdoor Easy Set Timer - 3 easy-to-set modes: dusk-dawn, dusk-1 to 8 hours, on/off					
04604	Black	Clamshell	12	7.50	.88

Remote Control

CAT NO	COLOR	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
04602	Black	Clamshell	12	6.12	1.07

Power Stakes

CAT NO	LENGTH IN FT	COLOR	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
3 Outlet Power Stake						
05776	15	Green	Box	6	11.9	.69
05778	6	Green	Box	6	7.3	.49
3 Outlet Power Stake with Easy Set Timer - 3 easy-to-set modes: dusk-dawn, daily 2-8 hour repeat, on/off						
09350	6	Green	Box	6	10.6	.99
6 Outlet Power Stake with Easy Set Timer - 3 easy-to-set modes: dusk-dawn, daily 2-8 hour repeat, on/off						
09352	6	Green	Box	6	9.3	.72



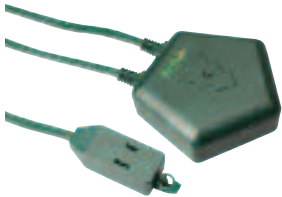
Floodlight Holders



05712

CAT NO	LENGTH IN FT	COLOR	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
05706	6	Green	Polybag	18	13.2	.99
Floodlight Holder with Easy-On Timer - Timer turns on at dusk and off in 6 hours						
05712	6	Green	Clamshell	12	6.6	1.02
Metal Floodlight Holder						
05718	6	Green	Clamshell	6	7.5	1.12

Indoor Accessories



09347

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
Safe Tree Indoor Extension Cord - Automatically cuts power to the lights on a tree if it is tipped over for added safety								
09347	18/2	SPT-2	Green	10	Clamshell	12	8.38	1.66
Indoor Split Extension Cord - 12 total feet in cord split in two 6 foot lengths. 6 total outlets								
09406-05	16/2	SPT-2	Green	12	Blister	24	14.5	1.05
Indoor Tree Cord - On/off switch located 4 feet from the male plug. 9 total outlets Great for villages too.								
09492	16/2	SPT-2	Green	9	Blister	24	12.8	.99
Indoor Footswitch Cord - Lit switch makes it easy to find in the dark. 3 total outlets								
09493	16/2	SPT-2	Green	9	Blister	24	13.5	1.08
Indoor Extension Cord - 3 polarized outlets								
09453	16/2	SPT-2	Green	12	Sleeve	36	18.7	.66
09455	16/2	SPT-2	Green	20	Sleeve	24	13.44	.69



09493

Outdoor Accessories



09349

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
Multi-Outlet Outdoor Extension Cord - 3 lit outlets spaced 8 feet apart.								
09001	14/3	STW	Green	25	Sleeve	4	14.87	.78
Power Rock - For use with any grounded extension cord. Converts 1 grounded outlet to 3 grounded outlets.								
09349	-	-	Gray	-	Box	4	13.5	1.42

Adapters



09905

CAT NO	COLOR	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
3 Outlet Adapter					
09905	Green	Card	18	4	.42
3 Outlet Adapter with Cord Manager - OUTDOOR RATED					
09908-05	Green	Card	18	12.5	.73
3 Outlet Right Angle Adapter - OUTDOOR RATED					
09910-05	Green	Card	18	12.5	.80



SURGE PROTECTORS & POWER STRIPS



SURGE PROTECTORS & POWER STRIPS

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PowerStation® Surge Protectors and Power Strips

Surge Protectors

These 8 outlet surge protectors feature a unique silver and black housing with 3 adapter-spaced outlets, sliding outlet covers, automatic shutdown protection with alarm and an exclusive cord management system.



04653

CAT NO	JOULES	LENGTH IN FT	COLOR	WARRANTY	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
8 Outlet Home Office Surge Protector with 2 Line Phone Protection								
04652	2250	6 Ft.	Blk/Silver	\$200,000	Box	3	7	0.39
8 Outlet Home Theater Surge Protector with 2 Line Coaxial and Splitter Phone Line Protection								
04649	2600	6 Ft.	Blk/Silver	\$200,000	Box	3	7	0.39
8 Outlet Network Surge Protector with RJ-45 Data, Coaxial and Splitter Phone Line Protection								
04653	3000	6 Ft.	Blk/Silver	\$300,000	Box	3	7	0.39

These 7 outlet surge protectors feature a unique housing with 2 adapter-spaced outlets, sliding outlet covers, automatic shutdown protection and an exclusive cord management system.



04665

CAT NO	JOULES	LENGTH IN FT	COLOR	WARRANTY	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
7 Outlet Home Electronics Surge Protector								
04662	1250	6 Ft.	Blk/Gry	\$100,000	Box	6	12.12	0.7
7 Outlet TV/DVD Surge Protector with Coaxial Line Protection								
04663	1250	6 Ft.	Blk/Gry	\$100,000	Box	6	12.12	0.7
7 Outlet Personal Computer Surge Protector with Phone Line Protection								
04664	1250	6 Ft.	Blk/Gry	\$100,000	Box	6	12.12	0.7
7 Outlet Home Network Surge Protector with RJ-45 High Speed Data Line Protection								
04665	1250	6 Ft.	Blk/Gry	\$100,000	Box	6	12.12	0.7

These 6 outlet surge protectors feature a unique housing, sliding outlet covers, automatic shutdown protection and an exclusive cord management system.



04640

CAT NO	JOULES	LENGTH IN FT	COLOR	WARRANTY	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
6 Outlet Home Electronics Surge Protector								
04638	550	4	Gry/Ivry	\$50,000	Box	6	10.2	0.66
6 Outlet Home Electronics Surge Protector w/ 15' Cord								
04661	550	15	Gry/Ivry	\$50,000	Box	6	12	0.79
6 Outlet Personal Computer Surge Protector with Phone Line Protection								
04640	750	4	Gry/Ivry	\$50,000	Box	6	11	0.66
6 Outlet TV/VCR/DVD Surge Protector with Coaxial Line Protection								
04642	750	4	Gry/Ivry	\$50,000	Box	6	11	0.66



04617 04623



04610 04625 04628



04635

04611



04612

04630



04644



04666



04657

04655

Surge Protectors

Surges and spikes are increases in voltage in an electrical line. These fluctuations can gradually, or even instantaneously, destroy sensitive electronics. Protector your investment with a surge protector.

CAT NO	JOULES	LENGTH IN FT	COLOR	WARRANTY	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
6 Outlet Surge Protector								
04617	150	4	Ivory	-	Sleeve	24	20.5	1.1
6 Outlet Surge Protector with Safety Outlet Covers								
04623	150	4	White	-	Sleeve	24	25	1.2
6 Outlet Surge Protector								
04610	450	4	White	\$5,000/1 Yr	Sleeve	12	10.4	5.4
6 Outlet Metal Surge Protector								
04625	450	4	Ivory	\$5,000/1 Yr	Box	6	9.5	0.6
6 Outlet Metal Surge Protector with 12' Cord								
04628	750	12	Ivory	\$5,000/1 Yr	Box	12	34.2	1.49

Surge Adapters

CAT NO	JOULES	LENGTH IN FT	COLOR	WARRANTY	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
1 Outlet Surge Adapter								
04635	450	-	Ivory	\$5,000/1 Yr	Blister Card	24	6.6	1.13
3 Outlet Surge Adapter								
04611	450	-	Ivory	\$5,000/1 Yr	Blister Card	24	8.6	0.82
6 Outlet Surge Adapter								
04612	750	-	White	\$5,000/1 Yr	Blister Card	24	16	1.15
6 Outlet Surge Adapter with Phone Line Protection								
04630	750	-	Ivory	\$5,000/1 Yr	Blister Card	24	14	1.38

Workshop

These Workshop strips, power centers and surge protectors are built to take abuse. Most products feature a built-in cord wrap and hang hole that make it easy to store when not in use.

CAT NO	LENGTH IN FT	COLOR	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
6 Outlet Strip - NEW!						
04666	8 Ft.	Blk/Yellow	Sleeve	6	8.5	0.4
4 Outlet GFCI Block - NEW!						
04644	6 Ft.	Blk/Yellow	Box	4	12.1	0.65
6 Outlet Metal Strip						
04654	6 Ft.	Blk/Yellow	Box	6	12	0.63
6 Outlet Metal Strip						
04657	15 Ft.	Blk/Yellow	Box	6	28	0.7
8 Outlet Metal Power Center						
04655	6 Ft.	Blk/Yellow	Box	6	15	0.82
8 Outlet Metal Surge Center, 750 Joules						
04656	6 Ft.	Blk/Yellow	Box	12	33	1.8



Power Strips

(Note: these products are not surge protectors and will not protect against power surges.)

CAT NO	LENGTH IN FT	COLOR	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
6 Outlet Strip						
04616	4 Ft.	Ivory	Sleeve	12	10.2	.61
6 Outlet Strip with Safety Outlet Covers						
04622	4 Ft.	White	Sleeve	24	11	0.5
6 Outlet Strip Side Entry with Safety Outlet Covers – NEW!						
04674	2.5 Ft.	White	Blister	12	10.5	.96
6 Outlet Strip with Longer Cord						
04658	15 Ft.	Ivory	Box	12	26	1.17
6 Outlet Metal Strip						
04618	4 Ft.	Black	Box	20	39.2	1.92
8 Outlet Power Center						
04613	6 Ft.	Ivory	Box	6	10.5	0.64

Adapters

Conveniently and safely add more outlets where you need them.

CAT NO	LENGTH IN FT	COLOR	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
3 Outlet Adapter with Auto-on Nightlight						
04629	-	White	Blister Card	24	6	0.7
3 Outlet Adapter						
04659	-	White	Blister Card	24	4.5	0.64
6 Outlet Adapter						
04660	-	White	Blister Card	24	8.4	0.94
6 Outlet Adapter						
04614	-	Ivory	Blister Card	24	9.2	0.92
6 Outlet Side Entry Adapter - NEW!						
04670	-	White	Blister Card	12	7.7	0.81
3 to 1 Adapter						
09901-00	-	Gray	Bulk	100	8	.15
09901-97	-	Gray – 2 Pack	Blister	12 Carded – 2 Per Card	2	.13
3 Outlet Adapter – Plastic Housing						
09913	-	Beige	Blister	18	5	.24
3-Way Adapter – Solid Molded PVC						
09902	-	Beige	Blister	18	7	.42
09905	-	Green	Blister	18	7	.42
09906-97-03	-	Orange	Blister	18	7	.42
09906-88-03	-	Orange	Bulk	24	9	.21
3 Outlet Adapter with Cord Manager - OUTDOOR RATED with power indicator light.						
09908-00	-	Clear	Card	18	12.5	.73
3 Outlet Right Angle Adapter - OUTDOOR RATED with power indicator light.						
09910-05	-	Clear	Card	18	12.5	.80





04966



04967

Attitudes

(Note: these products are not surge protectors and will not protect against power surges.)

CAT NO	LENGTH IN FT	COLOR	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
Everyday Assortment - 4 each of 3 designs: Camouflage, Carbon Fiber and Leopard						
04966	3	Assortment	Sleeve	12	9	.54
Holiday Assortment - 4 each of 3 designs: Snowflake, Candy Strip and Santa						
04967	3	Assortment	Sleeve	12	9	.54
Everyday Assortment Merchandising Kit - 48 pieces of the Everyday Assortment with a corrugated floor stand display						
09962	3	Assortment	Sleeve	48	45.8	2.99
Holiday Strip Assortment Merchandising Kit - 48 pieces of the Holiday Assortment with a corrugated floor stand display						
09963	3	Assortment	Sleeve	48	45.8	2.99



09962



09963





Lighting Contents

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POLAR/SOLAR
C O R D



05857

Work Lights

Polar/Solar®

Heavy-duty work lights featuring Coleman's exclusive T*Prene® insulated Polar/Solar® cord. Stays flexible under all temperature extremes to -67°F. Exclusive one-piece injection molded handle. Grounded, vinyl coated metal guard with switch and side outlet. 75 Watt maximum bulb. Oil and chemical resistant.



CAT NO	DESCRIPTION	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
05657	Metal Guard w/outlet	14/3	SJEO	Yellow	25	Sleeve	15A	6	6	2.06
05658	Metal Guard w/outlet	14/3	SJEO	Yellow	50	Sleeve	15A	6	30	2.06
05857	Metal Guard w/outlet	16/3	SJEO	Yellow	25	Sleeve	13A	6	13	1.43
05858	Metal Guard w/outlet	16/3	SJEO	Yellow	50	Sleeve	13A	6	23	1.91
Industrial Work Lights										
05337	Metal Guard*	18/3	SJEO	Yellow	25	Sleeve	10A	12	26	3.01
05338	Metal Guard*	18/3	SJEO	Yellow	50	Sleeve	10A	6	21	1.78

* Note: These products do not have a switch or outlet.



American Contractor™ Work Lights



Heavy-duty work lights featuring Coleman's exclusive T-Prene® insulated Polar/Solar® cord. Stays flexible under all temperature extremes to -67°F. Exclusive one piece injection molded handle. Grounded, vinyl coated metal guard with switch and side outlet. 75 Watt Maximum bulb. Oil and chemical resistant.

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
05897	16/3	SJEO	Yellow	25	Sleeve	13A	6	13	1.37
05898	16/3	SJEO	Yellow	50	Sleeve	13A	6	23	1.82

LUMA-SITE®

Luma-Site® Work Lights



Luma-Site® Work Lights represent both durability and practicality. Lightweight construction makes handling them effortless, but don't let the lack of weight fool you! Constructed from tough PVC, these lights can stand the rigors of almost any work environment. All Luma-Site® Work Lights come standard with power switches and bulb cages for fast light bulb changes. 75 Watt bulb maximum.

CAT NO	DESCRIPTION	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
Two Conductor, Polypropylene Guard with Switch										
05006	Plastic Guard	18/2	SJT	Orange	15	Sleeve	75W	12	14	1.98
05007	Plastic Guard	18/2	SJT	Orange	25	Sleeve	75W	12	19	2.04
05008	Plastic Guard	18/2	SJT	Orange	50	Sleeve	75W	12	19	2.04
Three Conductor, Polypropylene Guard with Outlet and Switch										
05307	Plastic Guard w/outlet	18/3	SJT	Orange	25	Sleeve	9A	12	22	2.22
05407	Plastic Guard w/outlet	16/3	SJT	Orange	25	Sleeve	12A	6	13	1.49
05408	Plastic Guard w/outlet	16/3	SJT	Orange	50	Sleeve	12A	6	24	1.97
Three Conductor, Grounded Metal Guard with Side Outlet and Switch										
05327	Metal Guard w/outlet	18/3	SJT	Orange	25	Sleeve	9A	12	23	1.91
05328	Metal Guard w/outlet	16/3	SJT	Orange	50	Sleeve	9A	6	20	1.36
05427	Metal Guard w/outlet	16/3	SJT	Orange	25	Sleeve	12A	12	28	2.02
05428	Metal Guard w/outlet	16/3	SJT	Orange	50	Sleeve	12A	6	24	1.49

Clip Light for Battery Hook-Up

All-purpose emergency light that clips instantly to any 12 volt battery for emergency or utility use. Consumer package for added sales appeal. Bulb included.

05914	12 Volt Battery Clip Light	2/C	SPT	Black	20	Poly Bag	50W	6	3	.79
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05327



05427



05428



Luma-Site® Work Light Replacement Parts

CAT NO	DESCRIPTION	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
Replacement Work Light Guard					
05905	White Polypropylene	Bulk	12	3	1.14
05906	Metal Swing-Open	Bulk	12	5	1.14
Work Light Repair Kit					
05912-97	Work Light replacement handle and socket, 3 wire	Poly Bag	12	7	.30
05896	Conductor handle with switch and side outlet. Metal guard with screw and nut.	Poly Bag	6	7	.20

Luma-Site® Fluorescent Lights



Engineered to provide maximum light, Luma-Site® Fluorescent Lights were created specifically for the professional. A compact casing ensures the light can be placed in the tightest of spots and a convenient on/off switch guarantees you will have glare-free light only when you are ready. The ergonomic design means the light will sit comfortably in your hand even after a continued period of time. Should you need to work using both hands, a collapsible swivel hook allows you to hang the light in virtually any direction.

CAT NO	WIRE GA/COND	WIRE TYPE	HANDLE COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
26 Watt with Outlet & Detachable Magnet – 2 Switches/2 Bulbs/2 Hooks									
05364	16/3	SJT	Black	25	Sleeve	13A	4	16	1.04
26 Watt with Outlet									
05926	26 16/3	SJT	Black	10	Sleeve	13A	4	8	.64
13 Watt with Outlet									
05929	16/3	SJT	Red	15	Sleeve	13A	6	13	.67
26 Watt with Outlet, Wall Bracket and Detachable Magnet									
05999	16/3	SJT	Red	25	Sleeve	13A	6	21	1.60
13 Watt									
05930	18/2	SJT	Yellow	15	Sleeve	–	6	13	.69
05931	18/2	SJT	Yellow	25	Sleeve	–	6	18	.82
Angle Light with Outlet									
05998	16/3	SJT	Red	2	Sleeve	13A	6	8	.64

05364



05929



05999



05930



LUMA-SITE® Luma-Site® Cord Reels



Tired of tripping over extension cords? Luma-Site® Retractable Reels solve that problem and keep your work area organized. Luma-Site® Retractable Reels are available with a fluorescent light, incandescent light, U-Lock® power tool extension cord, or Trinector® three-outlet power block. Reel cases are constructed with extra-tuff ABS plastic or heavy-duty steel and mount easily for use in workshop, basement, or garage. Mounting hardware included.



04633



04820



05360



CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	MASTER PACK	MASTER WT	MASTER PACK CUBE
Cord Reel with Trinector®									
04633	16/3	SJT	Black	30	Box	10A	4	36	1.95
Heavy Duty Cord Reel w/Lighted Tri-Source®									
04820	12/3	SJTW	Yellow	50	Box	15A	1	18	.94
Trouble Light with Metal Guard and Plastic Reel w/Outlet									
05360	18/3	SVT	Black	20	Box	7A	4	15	1.14
Trouble Light with Metal Guard w/Outlet									
05570	16/3	SJT	Black	30	Box	10A	4	36	1.94
Reel Light Accessories – Trouble Light with Plastic Guard									
05302	18/2	SJT	Black	2	Sleeve	75W	12	14	1.24

Luma-Site® Rough Service Replacement Bulbs

CAT NO	VOLT RATING	WATT RATING	DESCRIPTION	MASTER PACK	MASTER WT	MASTER PACK CUBE
05902	130	75	Rough Service Incandescent Bulbs – 4 Pack	120	14	1.72
05903	130	100	Rough Service Incandescent Bulbs – 4 Pack	120	14	1.72



05922



05932

Luma-Site® Heavy Duty Reflector Lights



Versatile multi-use utility lamps with polished and vented aluminum reflectors. Each unit features a double ball universal joint, non-marring grips, and a clamp-on bracket, on/off push-through switch and rugged molded-on plug.

CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	REFL. DIA. IN INCHES	MASTER PACK	MASTER WT	MASTER PACK CUBE
05922	18/2	SPT	Brown	6	Sleeve	60W	5.5	12	6	.67
05932	18/2	SPT	Brown	6	Sleeve	150W	8.5	12	11	.84
05936	Same as Cat. No. 05932 but packaged in a retail carton.							6	8	1.71
05939	18/2	SPT	Brown	6	Sleeve	150W	10.5	12	12	1.18
05946	18/2	SJT	Black	15	Sleeve	60W	5.5	12	17	.97
05956	18/2	SJT	Black	15	Sleeve	150W	8.5	12	17	1.09



LUMA-SITE®

Luma-Site® Brooder and Heat Lamps

An ideal temporary heat source for pig and chicken brooders. Insulated two-piece porcelain sockets with heavy-gauge aluminum reflectors, hang-up hooks and optional clamp.



CAT NO	WIRE GA/COND	WIRE TYPE	COLOR	LENGTH IN FT	PACKAGE TYPE	125V RATING	REFL. DIA. IN INCHES	MASTER PACK	MASTER WT	MASTER PACK CUBE
05968	18/2	SJT	Black	8	Sleeve	250W	10.5	6	12	1.64
05961*	18/2	SJT	Black	8	Sleeve	250W	10.5	6	20	1.62

* Clamp included

Luma-Site® Halogen Work Lights

When the job must go on, rely on Coleman's Luma-Site® to light the way. For the times when the weather does not cooperate or the job goes on into the night, be prepared . . . make our Luma-Site® part of your everyday tool list. When the job is done, Coleman's halogen lights are easily transported from site-to-site and collapse for easy storage.



Floodlight Series

Coleman Cable's Floodlight Series are reliable for basic needs.



CAT NO	DESCRIPTION	MASTER PACK	MASTER WT	MASTER PACK CUBE
07775	500W halogen light, adjustable pivot handle, handle held, yellow. *No tripod or telescoping post.	6	36	1.99
07776	Two 500 watt pivoting heads, separate on/off power switches for each fixture, yellow. Tripod base.	2	36	2.61
07777	500W halogen light, yellow, hand held base and tripod included.	3	3	2.41

Premium Series

Coleman Cable's Premium Series halogen lights feature large heads for better lighting and heavy gauge steel guards to resist damage.



CAT NO	DESCRIPTION	MASTER PACK	MASTER WT	MASTER PACK CUBE
07765	500W halogen light, hand-held, padded handle, sled base, on/off switch, red.	6	38	.42
07766	500W/1000W pivoting head, halogen light, tripod base, on/off switch, red, bulb storage compartment and 500W halogen bulb included.	2	41	3.49

Halogen Replacement Parts



CAT NO	DESCRIPTION	MASTER PACK	MASTER WT	MASTER PACK CUBE
07818	Glass for part numbers 07775, 07776, and 07777	1	1	.04
07880	500W Halogen bulb	1	1	.04



Temporary Lighting

Durable, indoor/outdoor lighting systems are available in 50ft. and 100ft. lengths, 12/3 or 14/3 cord, and metal or easy open/snap-on plastic guards to meet contractor demands. All feature lamp sockets every 10ft. and accommodate A-23 bulbs up to 150 watts.

CORD-LITE™



Our most rugged lighting system. Heavy duty 12/3 SJTW (yellow) cord with molded light sockets. Accommodates A-23 type bulbs up to 150 watts. Available with easy-open plated-metal lamp guards, or snap-on plastic guards. Standard 15 amp molded or 20 amp locking ends.

CAT NO	LENGTH IN FT	DESCRIPTION	GUARD	NEMA PLUG	NEMA RECEPTACLE	COMPLIANCE	MASTER PACK	MASTER WT	MASTER PCK CUBE
15 Amp									
07538	50	12/3 SJTW 300v	*Coated METAL	5-15P	5-15R	UL; NEC; OSHA	1	11	1.2
07539	100	12/3 SJTW 300v	*Coated METAL	5-15P	5-15R	UL; NEC; OSHA	1	27	1.97
07548	50	12/3 SJTW 300v	Plastic	5-15P	5-15R	UL; NEC; OSHA	1	9	1.20
07549	100	12/3 SJTW 300v	Plastic	5-15P	5-15R	UL; NEC; OSHA	1	25	1.97
20 Amp									
07558	50	12/3 SJTW 300v	Coated METAL	L5-20P	L5-20R	UL; NEC; OSHA	1	12	1.20
07559	100	12/3 SJTW 300v	Coated METAL	L5-20P	L5-20R	UL; NEC; OSHA	1	27	1.97
07568	50	12/3 SJTW 300v	Plastic	L5-20P	L5-20R	UL; NEC; OSHA	1	9	1.20
07569	100	12/3 SJTW 300v	Plastic	L5-20P	L5-20R	UL; NEC; OSHA	1	25	1.97

* Guards are pre-assembled onto lamp sockets
 ** CSA

Economy CORD-LITE™



Guards are pre-assembled onto lamp sockets to save labor and installation time.

CAT NO	LENGTH IN FT	DESCRIPTION	GUARD	NEMA PLUG	NEMA RECEPTACLE	COMPLIANCE	MASTER PACK	MASTER WT	MASTER PCK CUBE
15 Amp									
07145	100	14/2 SJTW 300v	Plastic	5-15P	–	UL; NEC; OSHA	1	14	2.15





07309



07200



07300

ECONO-LITE STREAMER.

Our most economical lighting system! Features 14 gauge (open conductors) and our easy-open, snap-on plastic guards. Accommodates A-23 type bulbs up to 150 watts. Does not include caps or connectors.

CAT NO	LENGTH IN FT	DESCRIPTION	GUARD	NEMA PLUG	NEMA RECEPTACLE	COMPLIANCE	MASTER PACK	MASTER WT	MASTER PCK CUBE
15 Amp									
07308	50	14g TW 300v	Plastic	-	-	-	1	3	.97
07309	100	14g TW 300v	Plastic	-	-	-	1	5	.97

Replacement Guards

CAT NO	DESCRIPTION	MASTER PACK	MASTER WT	MASTER PACK CUBE
07200-20	Coated METAL	20	6	1.13
07300	Plastic	20	2	1.05
07500-00-00	Plastic	20	3	1.05

Metal Halide Temporary Lights



07601

CAT NO	WATTS	GUARD TYPE	BULB TYPE	CORD LENGTH IN FT	MASTER PACK	MASTER WT	MASTER PACK CUBE
07601*	400	16" Dome Reflector	Standard	6	2	54	1.74
07602*	400	10" Wire/ 1/2 Reflector	Type "O"	6	1	26	1.74
07603*	400	10" Wire Guard	Type "O"	6	1	26	1.74

* NEC 2005

Metal Halide Replacement Parts



07602

CAT NO	WATTS	DESCRIPTION	CORD LENGTH IN FT	MASTER PACK	MASTER WT	MASTER PACK CUBE
07620*	400	Type "O" Replacement Bulb	-	4	4.41	0.4
07621		10" Wire/ 1/2 Reflector Replacement Guard	-	2	2.2	0.7
07622		16" Reflector Replacement Guard	-	2	4.41	1.2

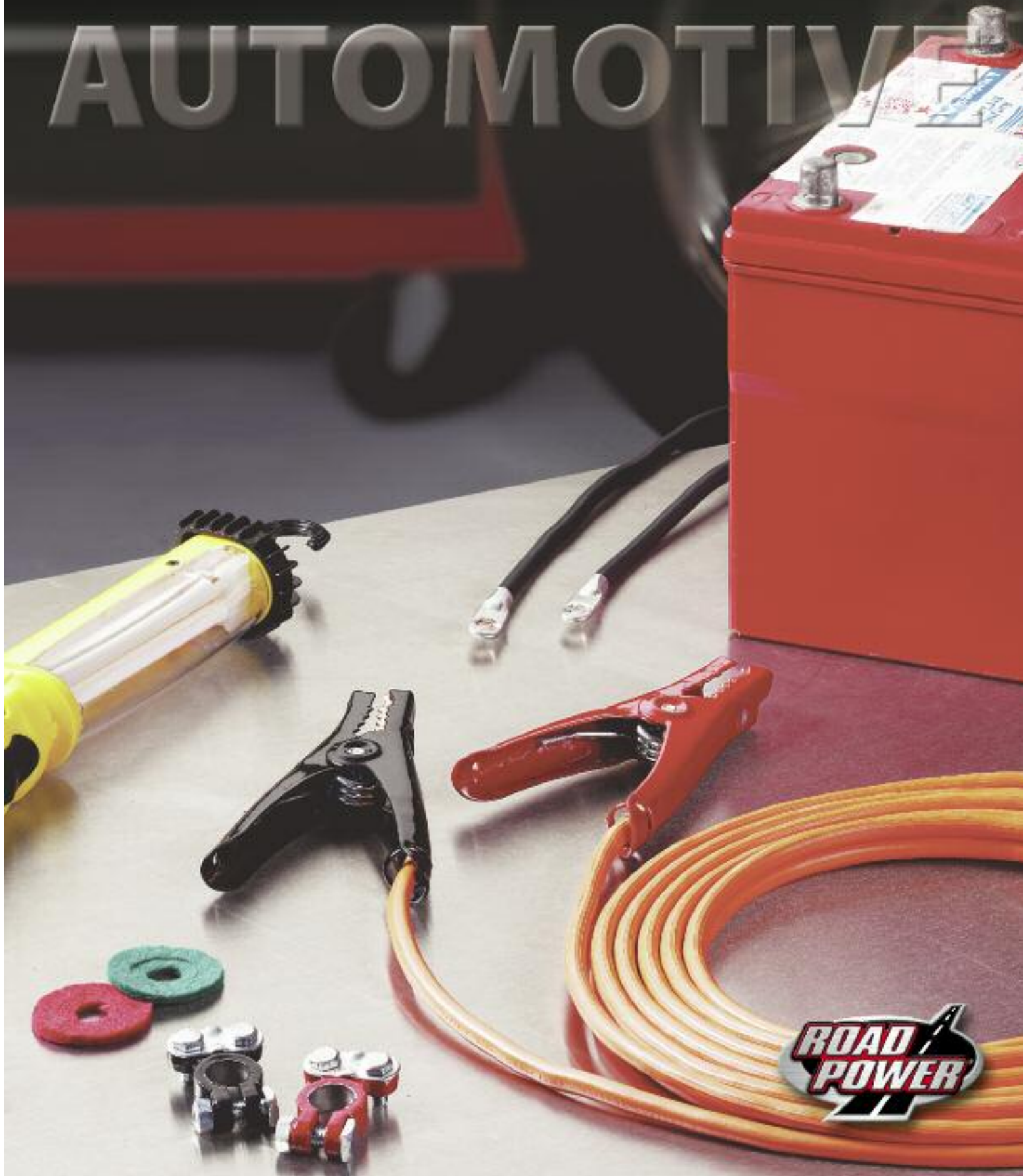
* NEC 2005



07603



AUTOMOTIVE



AUTOMOTIVE

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Road Power® Booster Cables

No-Tangle™ 200 Amp Clamps

Our top selling quality cable insulation. Featuring No-Tangle™ construction with flexible wire stranding and heavy duty copper plated steel clamps.



08120

CAT NO	WIRE GAUGE	JACKET COLOR	LENGTH IN FT	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
08120	10	Black	12	Sleeve	6	18	.52
08435	8	Yellow	12	Sleeve	6	17	.49
08445	8	Yellow	12	Box	4	14	.94

400 Amp Polar-Glo™ Clamps

Featuring glow-in-the-dark polarity indicators. The Polar-Glo™ clamp is ergonomically designed to be handled easily by everyone. This clamp grips remarkably to both top and side post batteries both firmly and easily. The extended jaw has grooves which conform to the side post, locking it in place. The Polar-Glo™ clamp is the perfect solution to the problem of jumping side post batteries.



08566

CAT NO	WIRE GAUGE	JACKET COLOR	LENGTH IN FT	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
08465	8	Yellow	12	Box	6	24	1.65
08466	8	Yellow	16	Box	6	27	1.65
08467	8	Yellow	12	Bag	2	8	.70
08471**	8	Yellow	12	Sleeve	6	22	1.13
08565*	6	Orange	12	Box	6	25	1.65
08565-05-03*	6	Orange	12	Half Box	3	NEW	NEW
08566*	6	Orange	16	Box	6	30	1.65
08566-05-03*	6	Orange	16	Half Box	3	NEW	NEW
08568*	6	Orange	16	Bag	4	21	1.07
08665*	4	Red	12	Box	6	33	2.2
08666*	4	Red	16	Box	6	41	2.2
08660*	4	Red	20	Box	2	16	.76
08662*	4	Red	25	Box	2	20	.76

* UL Listed

** Does not feature Polar-Glo™ clamps

500 Amp Parrot Jaw Clamps

With Welding Cable Construction.



08760

CAT NO	WIRE GAUGE	JACKET COLOR	LENGTH IN FT	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
08765	4	Black	12	Box	2	13	.92
08766	4	Black	16	Box	2	16	.92
08760	4	Black	20	Box	2	18	.92
08860	2	Black	20	Box	2	24	.92
08862	2	Black	25	Box	2	29	.92





08903



08904

Booster Cable Clamps

Rugged color-coded replacement clamps.

CAT NO	CLAMP RATING	CLAMP COLOR	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
Copper Plated Steel						
150C-2	150 Amp	1 Red and 1 Black	Card	6	3	.32
75C-2	75 Amp	1 Red and 1 Black	Card	6	1	.05
50C-10	50 Amp	5 Red and 5 Black	Card	10	5	.36
Vinyl Coated Steel						
400C-2	400 Amp	1 Red and 1 Black	Card	6	6	.43
08904	500 Amp	1 Red and 1 Black	Bag	12	13	1.0

Accessories

Battery Accessories



986



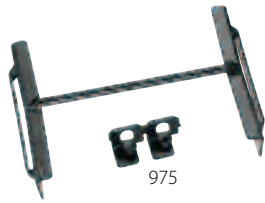
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CAT NO	DESCRIPTION	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
930	Battery Load Tester	Box	2	7	.42
931	Battery/ Alternator Tester	Clamshell	3	2	.16
940	Computer Memory Saver	Clamshell	3	2	.12
941	Accessory Lead Kit	Clamshell	3	2	.12
964	Terminal Spreader	Clamshell	3	3	.12
965	Battery Terminal Lifter	Clamshell	6	3	.08
969	Battery Terminal Cap Protector (TOP) – 2 Pack	Clamshell	6	1	.10
970	Rubber Battery Filter	Clamshell	6	3	.30
971	All Purpose 4 Way Battery Tool	Clamshell	6	3	.18
984	Deluxe Battery Carrier	Box	3	3	.37
985	Top Post Battery Carrier Strap – 18"	Clamshell	6	2	.13
986	Battery Post & Terminal Cleaner (Metal)	Clamshell	6	1	.09
989	Top or Side Post Anti-Corrosion Washers – 2 Pack	Clamshell	12	1	.04
991	Mini Battery Tester Ball Type	Clamshell	6	1	.08
992	Premium Hydrometer	Clamshell	4	2	.18
993	Professional Hydrometer	Clamshell	4	2	.17
994	Side Terminal Wrench	Clamshell	4	1	.13
995	Battery Filler Bottle	Clamshell	6	3	1.04
Copper Lugs					
1809	4 & 6 Gauge (1/4")	Bulk	25	1	.04
1809-2	4 & 6 Gauge, 2 Pack (1/4")	Clamshell	24	2	.01
1810	2 Gauge Bulk (3/8")	Bulk	25	1	.04
1810-2	2 Gauge, 2 Pack (3/8")	Clamshell	24	2	.01
1811	1 Gauge	Bulk	25	2	.05
1812	0 Gauge	Bulk	25	2	.05



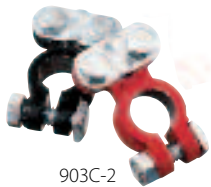


Battery Accessories (continued)

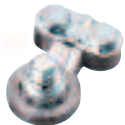


CAT NO	DESCRIPTION	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
Battery Hold-Downs					
966-8	8" J Hooks, 2 Pack	Clamshell	4	2	.04
966-10	10" J Hooks – GM, 2 Pack	Clamshell	4	2	.04
966-12	12" J Hooks, 2 Pack	Clamshell	4	2	.04
967	10" L Hooks – FORD, 2 Pack	Clamshell	4	2	.04
975	Universal Crossbar	Clamshell	3	2	.21
976	EW-Z Adjustable Hold Down	Clamshell	3	1	.12
977	Universal End Type for 22NF, 29NF Batteries	Clamshell	6	2	.05
978	Side End Type for 22C, 22F, 24F Batteries	Clamshell	6	2	.09
980	Battery Hold-Down Kit	Blister	4	1	-
Battery Frames & Trays					
973	Group 24 Frame	Clamshell	4	2	.22
979	Small Tray	Clamshell	3	1	.25
981	Large Tray	Clamshell	4	3	.29
Battery Boxes					
300M	Group 24 Small	Bulk	6	12	4.63
318L	Series 74/Marine Large	Bulk	6	16	4.25

Battery Terminals



903C-2



905-1



906-1

CAT NO	DESCRIPTION	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
Heavy Duty Top Post – UNIVERSAL					
903-1	Single Pack	Clamshell	12	3	.08
903-10	Ten Pack	Card	10	29	.27
903-100	Bulk Pack	Bulk	100	26	.16
903B-1	Brass – Single Pack	Clamshell	12	3	.08
903B-100	Brass – Bulk Pack	Bulk	100	26	.16
903C-2	Top Post Coated, 1 Red/1 Black	Clamshell	6	3	.05
982	Battery Post Shims	Blister	3	1	NEW
Heavy Duty Side Post					
905-1	Single Pack	Clamshell	6	2	.04
905-7	Seven Pack	Card	10	31	.18
905-100	Bulk Pack	Bulk	100	26	.04
Truck – Extra Heavy Duty					
906-1	Single Pack	Clamshell	6	4	.05
906-50	Bulk Pack	Bulk	50	22	.09
Lead Free Top Post Terminal					
909-1	Replacement Terminal	Clamshell	6	1	.04
Universal Charging Post					
922	Post Set (1 Positive, 1 Negative)	Clamshell	6	3	.04
Side Post Bolts & Nuts					
923-2	Two Packs	Clamshell	6	6	.04
923	Bulk Pack	Bulk	50	22	.04





Battery Terminals (continued)

CAT NO	DESCRIPTION	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
Side Terminal Bolts					
924	Hex	Bulk	25	2	
926-2	OEM Style, 2 Pack	Clamshell	6	1	.04
926	OEM Style	Bulk	25	22	.04
927	Extender Bolt	Bulk	25	39	.08
928	Extender Bolt w/Deisel Spacer	Card	12	1	.07
Lawn & Garden					
921	Battery Replacement Bolt & Nut	Card	20	2	.11
Side Terminal Adapters					
925	Set (1 Positive, 1 Negative)	Card	6	6	.05
Marine Terminals					
962-1	Single Pack	Clamshell	6	2	.05
962-2	Set (1 Positive, 1 Negative)	Clamshell	6	3	.18
962B-1	Brass	Clamshell	6	3	.05
962C-2	Coated Set (1 Red/1 Black)	Clamshell	6	3	.08
962-8	4 Set Pack (4 Positive, 4 Negative)	Card	10	29	.27
962NB	Negative Post, Bulk	Bulk	100	55	.05
962PB	Positive Post, Bulk	Bulk	100	55	.05



962-1

Power Inverters

Adding electrically powered equipment to your automobile, boat, truck, or van? Road Power now has a line of power inverters that install easily and provide years of trouble-free service. Each model provides household current from any 12 volt power source - units convert 12 volt DC to 110 volt AC power. Inverters have an extra-tough steel outer shell to protect it from minor damage. Power switches allow the user to manually control the stream of power. Some units feature digital volt/watt display.

CAT NO	DESCRIPTION	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
06353	200 Watt Inverter	Clamshell	4	NEW	NEW
06354	600 Watt Inverter	Box	2	NEW	NEW
06355	1,200 Watt Inverter	Box	2	NEW	NEW

Diagnostic Tools

Make sure your vehicle's battery and alternator are operating at peak performance by using these great new diagnostic tools from Road Power. These units are small and lightweight making them very portable and results are easy to interpret.

CAT NO	DESCRIPTION	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
06356	Battery Load Tester	Box	10	NEW	NEW
06363	Battery Alternator Tester	Clamshell	4	NEW	NEW





Battery Cables

Universal Battery Cables

Our rugged terminal ends are made of highly corrosion-resistant special pressure cast alloy. Superior quality construction using our unique "Perma-Weld"™ process: Each battery cable is manufactured under high pressure die casting, to form copper strands and terminal into a solid mass, providing a electrical bond. Perma-Weld cables feature full gauge stranded copper which extends through the entire length of the flattened lug ensuring full capacity conductivity.



CAT NO	DESCRIPTION	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
Top Post 2 Gauge					
15-2	15" 2 Gauge Top Post - Black	Clamshell	3	2	.12
Top Post 2 Gauge with Lead					
25-2L	25" 2 Gauge Top Post with Lead - Black	Clamshell	3	3	.12
32-2L	32" 2 Gauge Top Post with Lead - Black	Clamshell	3	4	.12
42-2L	42" 2 Gauge Top Post with Lead - Black	Clamshell	3	4	.12
65-2L	65" 2 Gauge Top Post with Lead - Black	Clamshell	3	6	.12
Top Post 4 Gauge					
10-4	10" 4 Gauge Top Post - Black	Clamshell	3	2	.12
10-4R	10" 4 Gauge Top Post - Red	Clamshell	3	2	.12
13-4	13" 4 Gauge Top Post - Black	Clamshell	3	2	.12
15-4	15" 4 Gauge Top Post - Black	Clamshell	3	2	.12
15-4R	15" 4 Gauge Top Post - Red	Clamshell	3	2	.12
17-4	17" 4 Gauge Top Post - Black	Clamshell	3	2	.12
19-4	19" 4 Gauge Top Post - Black	Clamshell	3	2	.12
19-4R	19" 4 Gauge Top Post - Red	Clamshell	3	2	.12
24-4	24" 4 Gauge Top Post - Black	Clamshell	3	2	.12
27-4R	27" 4 Gauge Top Post - Red	Clamshell	3	3	.12
31-4	31" 4 Gauge Top Post - Black	Clamshell	3	3	.12
31-4R	31" 4 Gauge Top Post - Red	Clamshell	3	3	.12
38-4	38" 4 Gauge Top Post - Black	Clamshell	3	3	.12
42-4	42" 4 Gauge Top Post - Black	Clamshell	3	3	.12
48-4	48" 4 Gauge Top Post - Black	Clamshell	3	3	.12
58-4	58" 4 Gauge Top Post - Black	Clamshell	3	4	.12
58-4R	58" 4 Gauge Top Post - Red	Clamshell	3	4	.12
Top Post 4 Gauge with Lead					
25-4L	25" 4 Gauge Top Post w/Lead - Black	Clamshell	3	3	.12
25-4LR	25" 4 Gauge Top Post w/Lead - Red	Clamshell	3	3	.12
32-4L	32" 4 Gauge Top Post w/ Lead - Black	Clamshell	3	3	.12
32-4LR	32" 4 Gauge Top Post w/ Lead - Red	Clamshell	3	3	.12
38-4L	38" 4 Gauge Top Post w/Lead - Black	Clamshell	3	3	.12
38-4LR	38" 4 Gauge Top Post w/Lead - Red	Clamshell	3	3	.12
42-4L	42" 4 Gauge Top Post w/ Lead - Black	Clamshell	3	3	.12
42-4LR	42" 4 Gauge Top Post w/ Lead - Red	Clamshell	3	3	.12
48-4L	48" 4 Gauge Top Post w/ Lead - Black	Clamshell	3	3	.12
48-4LR	48" 4 Gauge Top Post w/ Lead - Red	Clamshell	3	3	.12
54-4L	54" 4 Gauge Top Post w/ Lead - Black	Clamshell	3	4	.12
54-4LR	54" 4 Gauge Top Post w/ Lead - Red	Clamshell	3	4	.12
65-4L	65" 4 Gauge Top Post w/ Lead - Black	Clamshell	3	4	.12
72-4L	72" 4 Gauge Top Post w/ Lead - Black	Clamshell	3	4	.12

Note: Bulk case quantities – 12, except cables 54" and longer are 6.
To order bulk quantities, add letter "K" to the end of the part number (i.e. 10-2K, 15-2K, 19-2K, etc.)





Universal Battery Cables

CAT NO	DESCRIPTION	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
Top Post 6 Gauge					
10-6	10" 6 Gauge Top Post - Black	Clamshell	3	2	.12
13-6	13" 6 Gauge Top Post - Black	Clamshell	3	2	.12
15-6	15" 6 Gauge Top Post - Black	Clamshell	3	2	.12
19-6	19" 6 Gauge Top Post - Black	Clamshell	3	2	.12
24-6	24" 6 Gauge Top Post - Black	Clamshell	3	2	.12
34-6	24" 6 Gauge Top Post - Black	Clamshell	3	2	.12
Top Post 6 Gauge with Lead					
25-6L	25" 6 Gauge Top Post w/ Lead - Black	Clamshell	3	2	.12
32-6L	32" 6 Gauge Top Post w/ Lead - Black	Clamshell	3	3	.12
38-6L	38" 6 Gauge Top Post w/ Lead - Black	Clamshell	3	2	.12
42-6L	42" 6 Gauge Top Post w/ Lead - Black	Clamshell	3	2	.12
51-6L	51" 6 Gauge Top Post w/ Lead - Black	Clamshell	3	3	.12
Top Post 6 Gauge with 2 Leads					
38-62L	38" 6 Gauge Top Post w/ 2 Leads - Black	Clamshell	3	3	.12
48-62L	48" 6 Gauge Top Post w/ 2 Leads - Black	Clamshell	3	3	.12
58-62L	58" 6 Gauge Top Post w/ 2 Leads - Black	Clamshell	3	3	.12
Side Terminal 4 Gauge					
ST25-4	20" 4 Gauge Side Terminal w/ Lead - Black	Clamshell	3	2	.12
ST25-4R	25" 4 Gauge Side Terminal w/ Lead - Red	Clamshell	3	2	.12
ST35-4	35" 4 Gauge Side Terminal w/ Lead - Black	Clamshell	3	3	.12
ST40-4	40" 4 Gauge Side Terminal w/ Lead - Black	Clamshell	3	3	.12
ST45-4	45" 4 Gauge Side Terminal w/ Lead - Black	Clamshell	3	3	.12
ST45-4R	45" 4 Gauge Side Terminal w/ Lead - Red	Clamshell	3	3	.12
ST55-4	55" 4 Gauge Side Terminal w/ Lead - Black	Clamshell	3	3	.12
ST65-4	65" 4 Gauge Side Terminal w/ Lead - Black	Clamshell	3	4	.12
ST65-4R	65" 4 Gauge Side Terminal w/ Lead - Red	Clamshell	3	4	.12
ST78-4	78" 4 Gauge Side Terminal w/ Lead - Black	Clamshell	3	4	.12

Note: Bulk case quantities - 12, except cables 54" and longer are 6.

To order bulk quantities, add letter "K" to the end of the part number (i.e. 10-2K, 15-2K, 19-2K, etc.)





Universal Battery Cables

CAT NO	DESCRIPTION	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
Switch to Starter 4 Gauge					
SS19-4	19" 4 Gauge Switch to Starter - Black	Clamshell	3	1	.12
SS24-4	24" 4 Gauge Switch to Starter - Black	Clamshell	3	2	.12
SS32-4	32" 4 Gauge Switch to Starter - Black	Clamshell	3	2	.12
SS40-4	40" 4 Gauge Switch to Starter - Black	Clamshell	3	3	.12
SS45-4	45" 4 Gauge Switch to Starter - Black	Clamshell	3	3	.12
SS51-4	51" 4 Gauge Switch to Starter - Black	Clamshell	3	3	.12
SS58-4	58" 4 Gauge Switch to Starter - Black	Clamshell	3	3	.12
SS68-4	68" 4 Gauge Switch to Starter - Black	Clamshell	3	3	.12
Lawn & Garden 6 Gauge					
LG19-6	19" 6 Gauge Lawn & Garden - Black	Clamshell	3	2	.12
LG27-6	27" 6 Gauge Lawn & Garden - Black	Clamshell	3	2	.12
LG49-6	49" 6 Gauge Lawn & Garden - Black	Clamshell	3	3	.12
Lawn & Garden 6 Gauge					
EG8	8" Lug to Lug Bonding Strap	Clamshell	3	2	.12
EG12	12" Lug to Lug Bonding Strap	Clamshell	3	2	.12
GS9-4	9" 4 Gauge Terminal to Lug	Clamshell	3	2	.12
GS13-4	13" 4 Gauge Terminal to Lug	Clamshell	3	2	.12
GS24-4	24" 4 Gauge Terminal to Lug	Clamshell	3	2	.12

Note: Bulk case quantities – 12, except cables 54" and longer are 6.

To order bulk quantities, add letter "K" to the end of the part number (i.e. 10-2K, 15-2K, 19-2K, etc.)

Automotive Kit

Contains Baking Soda, Towelette, Plastic Bag, Felt Washers, Wire Brush, and Anti-Corrosion Spray

CAT NO	DESCRIPTION	PACKAGE TYPE	MASTER PACK	MASTER WT	MASTER PACK CUBE
06328	Battery Installation Kit	Mesh Bag	4	3	-
06329	Battery Installation Kit	Clamshell	12	9	-





Primary Wire

Engineered to handle the harsh environment of an automobile engine, the durable PVC outer-jacket resists water, oil, chemicals, and abrasion.



CAT NO	WIRE GAUGE	COLOR	LENGTH IN FT	STD PKG	PKG WT	MASTER
10-1-11	10	Black	7	6	2	.11
10-1-12	10	Blue	7	6	2	.11
10-1-14	10	Yellow	7	6	2	.11
10-1-15	10	Green	7	6	2	.11
10-1-16	10	Red	7	6	2	.11
10-1-17	10	White	7	6	2	.11
12-1-11	12	Black	11	6	2	.11
12-1-12	12	Blue	11	6	2	.11
12-1-14	12	Yellow	11	6	2	.11
12-1-15	12	Green	11	6	2	.11
12-1-16	12	Red	11	6	2	.11
12-1-17	12	White	11	6	2	.11
14-1-11	14	Black	17	6	2	.11
14-1-12	14	Blue	17	6	2	.11
14-1-14	14	Yellow	17	6	2	.11
14-1-15	14	Green	17	6	2	.11
14-1-16	14	Red	17	6	2	.11
14-1-17	14	White	17	6	2	.11
16-1-11	16	Black	24	6	2	.11
16-1-12	16	Blue	24	6	2	.11
16-1-14	16	Yellow	24	6	2	.11
16-1-15	16	Green	24	6	2	.11
16-1-16	16	Red	24	6	2	.11
16-1-17	16	White	24	6	2	.11
18-1-11	18	Black	33	6	2	.11
18-1-12	18	Blue	33	6	2	.11
18-1-14	18	Yellow	33	6	2	.11
18-1-15	18	Green	33	6	2	.11
18-1-16	18	Red	33	6	2	.11
18-1-17	18	White	33	6	2	.11





Primary Wire Rack

Extensive inventory all on one rack. Holds 30 spools. CCI's Primary Wire Center gives your customers a full selection in a small amount of space. Simple to stock and easy to reload.

CAT NO	DESCRIPTION	MASTER PACK
09975-00-00	Primary Wire Rack Only (NO SPOOLS)	1
09975-00-30	Primary Wire Rack with 30 Spools – 6 Color 10, 12, 14, 16 and 18 Gauge	1
10-100-11	10 Gauge 100' Black	6
10-100-12	10 Gauge 100' Blue	6
10-100-14	10 Gauge 100' Yellow	6
10-100-15	10 Gauge 100' Green	6
10-100-16	10 Gauge 100' Red	6
10-100-17	10 Gauge 100' White	6
12-100-11	12 Gauge 100' Black	6
12-100-12	12 Gauge 100' Blue	6
12-100-14	12 Gauge 100' Yellow	6
12-100-15	12 Gauge 100' Green	6
12-100-16	12 Gauge 100' Red	6
12-100-17	12 Gauge 100' White	6
14-100-11	14 Gauge 100' Black	6
14-100-12	14 Gauge 100' Blue	6
14-100-14	14 Gauge 100' Yellow	6
14-100-15	14 Gauge 100' Green	6
14-100-16	14 Gauge 100' Red	6
14-100-17	14 Gauge 100' White	6
16-100-11	16 Gauge 100' Black	6
16-100-12	16 Gauge 100' Blue	6
16-100-14	16 Gauge 100' Yellow	6
16-100-15	16 Gauge 100' Green	6
16-100-16	16 Gauge 100' Red	6
16-100-17	16 Gauge 100' White	6
18-100-11	18 Gauge 100' Black	6
18-100-12	18 Gauge 100' Blue	6
18-100-14	18 Gauge 100' Yellow	6
18-100-15	18 Gauge 100' Green	6
18-100-16	18 Gauge 100' Red	6
18-100-17	18 Gauge 100' White	6





RV/Mobile Home Cords and Accessories



09521



09524



09542



09572

CAT NO	CORD LENGTH	CORD TYPE & GAUGE	ATTACHMENT PLUG MALE	CORD CONNECTOR FEMALE	BULK PACK	RETAIL PACK
RV Adapters & Accessories						
09521	–	Adapter	5-15P	30A RV	100	6
09522	–	Adapter	30A RV	5-15R	100	6
09524	–	Right Angle Adapter	5-15P	30A RV	100	–
09523*	–	Replacement Plug	30A RV Plug*		–	6
09543*	–	Replacement Plug	50A RV plug*		–	16
Adapter Extension Cord Sets						
09542	18 in.	14/3 STW	5-15P	30A RV	12	–
09544	18 in.	14/3 STW	30A RV	5-15R	12	–
09553	12 in.	10/3 STW Twist-To-Lock Generator Adapter	30A L5-30P	30A RV	50	–
30A & 50A RV Power Supply Cords						
09575	18 in.	10/3 STW	30A RV	–	50	–
09572	18 in.	10/3 STW	–	30A RV	50	–
09525*	25 ft.	10/3 STW	30A RV	–	10	–
09519*	30 ft.	10/3 STW	30A RV	–	8	–
09516*	36 ft.	10/3 STW	30A RV	–	8	–
09541*	40 ft.	10/3 STW	30A RV	–	6	–
09546*	42 ft.	10/3 STW	30A RV	–	6	–
09547	17 in.	6/3 & 8/1 STW	50A 14-50P	–	25	–
09549	17 in.	6/3 & 8/1 STW	–	50A 14-50R	25	–
09527*	25 ft.	6/3 & 8/1 STW	50A 14-50P	–	3	–
09536*	36 ft.	6/3 & 8/1 STW	50A 14-50P	–	3	–
09560*	25 ft.	6/3 & 8/1 Flexible SEW 90C	50A 14-50P	–	3	–
09562*	30 ft.	6/3 & 8/1 Flexible SEW 90C	50A 14-50P	–	3	–
09561*	36 ft.	6/3 & 8/1 Flexible SEW 90C	50A 14-50P	–	3	–
09537*	40 ft.	6/3 & 8/1 Flexible SEW 90C	50A 14-50P	–	3	–
15A, 30A & 50A RV Extension Cord Sets						
09510	10 ft.	10/3 STW	30A RV	30A RV	20	–
09550	25 ft.	10/3 STW	30A RV	30A RV	10	2
09555	50 ft.	10/3 STW	30A RV	30A RV	5	–
09570*	30 ft.	10/3 STW	30 RV	30 RV	–	2
09590	25 ft.	6/3 & 8/1 SEW	50A 14-50P	50A 14-50R	2	–

* UL Listed








BULK WIRE



BULK WIRE

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Cut Cord Program (Bulk Wire Cut to Length)

Coleman Cable's "Cut Cord Program" enables the retailer to offer a full line of wire and cable products without dedicating extensive floor space to bulk reels and cutting equipment. Whether the need be for high speed data cable or low voltage underground irrigation cable, look to Coleman Cable to provide these products in convenient lengths.

CAT NO	WIRE GA/COND	DESCRIPTION	LENGTH IN FT	COLOR	MASTER PACK	MASTER WT
09605	10/3	SJEOOW Seoprene Rated 105°C	25	Black	4	22.8
09606	10/3	SJEOOW Seoprene Rated 105°C	50	Black	2	22.5
09607	10/4	SJEOOW Seoprene Rated 105°C	25	Black	4	28.8
09608	10/4	SJEOOW Seoprene Rated 105°C	50	Black	2	28.5
09615	14/3	SJEOOW Seoprene-Rated 105°C	15	Black	6	8.9
09612	14/3	SJEOOW Seoprene-Rated 105°C	50	Black	6	27.2
09609	12/3	SJEOOW Seoprene-Rated 105°C	15	Black	6	12.43
09610	12/3	SJEOOW Seoprene-Rated 105°C	50	Black	2	12.49
09630	18/2	Thermostat Wire-UL, Type CL2, 60°C	25	Brown	10	4.75
09631	18/2	Thermostat Wire-UL, Type CL2, 60°C	50	Brown	6	5.0
09632	18/2	Thermostat Wire-UL, Type CL2, 60°C	100	Brown	12	18.33
09633	18/5	Thermostat Wire-UL, Type CL2, 60°C	25	Brown	6	5.41
09634	18/5	Thermostat Wire-UL, Type CL2, 60°C	50	Brown	12	20.0
09635	18/5	Thermostat Wire-UL, Type CL2, 60°C	100	Brown	6	19.41
09501	16/2	Low Voltage Cable	50	Black	12	25.8
09502	16/2	Low Voltage Cable	100	Black	6	25.11
09503	14/2	Low Voltage Cable	50	Black	12	32.43
09504	14/2	Low Voltage Cable	100	Black	6	30.1
09511	12/2	Low Voltage Cable	50	Black	8	29.76
09513	12/2	Low Voltage Cable	100	Black	4	27.8
09638	18/4	Underground Irrigation Cable	50	Black	6	10.1
09637	18/7	Underground Irrigation Cable	50	Black	6	16.1
09636	18/7	Underground Irrigation Cable	10	Black	6	32.1
09400	18/2	Lamp Cord	25	Brown	12	6.5
09410	18/2	Lamp Cord	25	White	12	6.5
09420	18/2	Lamp Cord	25	Gold	12	15
09430	18/2	Lamp Cord	25	Silver	12	15
09423	18/2	Bell Wire*	25	–	18	12.6
09424	18/2	Bell Wire*	50	–	12	15
09639	24/4	Pair Category 5e CMR/MPR	100	blue	6	12.7

* Not UL Listed.
All products in color sleeve.



Bulk Wire Displays

4 Ft. Coleman Cable Electrical Wire Center

The following chart gives you the catalog number and recommended loading sequence for the 4 ft. Coleman Cable Electrical Wire Center (PN 09993). Please refer to catalog number for reordering.



CAT NO	DESCRIPTION	LENGTH IN FT	JACKET COLOR	MASTER WT
70102-66-32	20/2 Bellwire*	500	-	6
70103-66-31	20/3 Bellwire*	500	-	9
55302-66-07	18/2 Thermostat Cable	500	Brown	8
55303-66-07	18/3 Thermostat Cable	500	Brown	10.5
55304-66-07	18/4 Thermostat Cable	250	Brown	7.3
55305-66-07	18/5 Thermostat Cable	250	Brown	8.5
94603-66-18	18/2 Speaker Wire	500	Clear	9
94601-66-18	24/2 Speaker Wire	500	Clear	3.5
60146-66-08	16/2 Heater Cord (HPN)	250	Black	6
60148-04-07	Flat 300 Ohm TV Lead Wire	250	Brown	3
20105-66-09	18/2 Vacuum Cleaner Cord (SVT)	250	Gray	9
20106-66-09	18/3 Vacuum Cleaner Cord (SVT)	250	Gray	5
60000-66-08	18/2 SPT-1 Lamp Cord	250	Black	6.3
60000-66-07	18/2 SPT-1 Lamp Cord	250	Brown	6.3
60000-66-18	18/2 SPT-1 Lamp Cord	250	Clear	6.3
60000-66-01	18/2 SPT-1 Lamp Cord	250	White	6.3
60000-66-19	18/2 SPT-1 Lamp Cord	250	Gold	6.3
60000-66-21	18/2 SPT-1 Lamp Cord	250	Silver	6.3
60126-66-01	16/2 SPT-2 Lamp Cord	250	White	10
60126-66-07	16/2 SPT-2 Lamp Cord	250	Brown	10
51014-66-04	12 Stranded THHN Building Wire	500	Red	13.5
51014-66-01	12 Stranded THHN Building Wire	500	White	13.5
51014-66-05	12 Stranded THHN Building Wire	500	Green	13.5
51014-66-08	12 Stranded THHN Building Wire	500	Black	13.5
92006-66-08	RG 59U Coaxial Cable – 40% Al. Braid	500	Black	11
96238-66-23	22/4 Station Wire	1000	Beige	14
20306-66-03	16/3 SJTW Service Cord	250	Orange	16.5
23386-66-08	16/3 SJEW Service Cord	250	Black	17
20305-66-03	18/3 SJT Service Cord	250	Orange	13
20307-66-03	14/3 SJTW Service Cord	250	Orange	20.5
20308-66-03	12/3 SJTW Service Cord	250	Orange	30.8
20206-66-03	16/2 SJTW Service Cord	250	Orange	13
23286-04-08	16/2 SJEW Service Cord	250	Black	13.5
23287-04-08	14/3 SJEW Service Cord	250	Black	17
23387-04-08	14/3 SJEW Service Cord	250	Black	21.2
23388-04-08	12/3 SJEW Service Cord	250	Black	30.5
23389-66-08	10/3 SJEW Service Cord	100	Black	22.2

* Not UL Listed.



3 Ft. Coleman Cable Electrical Wire Center

The following chart gives you the catalog number and recommended loading sequence for the 3 ft. Coleman Cable Electrical Wire Center (PN 09973). Please refer to catalog number for reordering.

CAT NO	DESCRIPTION	LENGTH IN FT	JACKET COLOR	MASTER WT
20105-66-09	18/2 Vacuum Cleaner Cord (SVT)	250	Gray	9
55302-66-07	18/2 Thermostat Cable	500	Brown	8
55303-66-07	18/3 Thermostat Cable	500	Brown	10.5
55304-66-07	18/4 Thermostat Cable	250	Brown	7.3
55305-66-07	18/5 Thermostat Cable	250	Brown	8.5
60146-66-08	16/2 Heater Cord (HPN)	250	Black	6
60148-04-07	Flat 300 Ohm TV Lead Wire	250	Brown	3
70102-66-32	20/2 Bellwire*	500	-	6
70103-66-31	20/3 Bellwire*	500	-	9
94601-66-18	24/2 Speaker Wire	500	Clear	3.5
94603-66-18	18/2 Speaker Wire	500	Clear	9
60000-66-01	18/2 SPT-1 Lamp Cord	250	White	6.3
60000-66-07	18/2 SPT-1 Lamp Cord	250	Brown	6.3
60000-66-08	18/2 SPT-1 Lamp Cord	250	Black	6.3
60000-66-18	18/2 SPT-1 Lamp Cord	250	Clear	6.3
60126-66-01	16/2 SPT-2 Lamp Cord	250	White	10
60126-66-07	16/2 SPT-2 Lamp Cord	250	Brown	10
23286-04-08	16/2 SJEW Service Cord	250	Black	13.5
23287-04-08	14/2 SJEW Service Cord	250	Black	17
23387-04-08	14/3 SJEW Service Cord	250	Black	21.2
23389-66-08	10/3 SJEW Service Cord	100	Black	22.2
20305-66-03	18/3 SJT Service Cord	250	Orange	13
20206-66-03	16/2 SJTW Service Cord	250	Orange	13
20306-66-03	16/3 SJTW Service Cord	250	Orange	16.5
23386-66-08	16/3 SJEW Service Cord	250	Black	17
20106-66-09	18/3 Vacuum Cleaner Cord (SVT)	250	Gray	5
96238-66-23	22/4 Station Wire	1000	Beige	14
92001-66-08	RG6U Coaxial Cable - 40% Al. Braid	500	Black	17

* Not UL Listed.



Home Structured Cable

What Really Matters in Selecting the RIGHT Home Structured Cable

Why more than one location in the room? How often have you decided to move around the furniture in your room only to reconsider when it would require rewiring telephone or the coax? If you plan ahead, you will have all the flexibility you need.

Why data/phone/coax all in one jack?

Electronic devices are becoming more and more integrated. Devices like DirectTV® and TIVO® are required to be connected to a telephone or data line at all times. In the future, more devices will allow you to look at digital pictures and movies kept on your home computer. If you have more than one of these devices at one location, the number of jacks needed increases. As a rule, any location that has a data or phone jack should also have a coax jack and vice-versa. Proper planning will allow for the convenience when you need it.

Coax: Why Home Run every cable?

Can't I just install a splitter? When everything you watched came over the antenna and you only had 1 or 2 TVs, installing a splitter would have worked fine. Today's household is much more demanding on the media with TVs and set-top-boxes in every room. Many satellite and digital cables will not work properly with splitters in place. Additionally, each splitter reduces the signal by one half, so if you install a few splitters in line, the first and last television will have vastly different signal qualities. Instead, best practice would be to home-run every coax cable and install one amplifier and one large splitter that will accommodate the number of TVs/Taps in use and the signal level will be consistent.

Telephone/Data: Why Home-Run every cable?

Can't I just daisy-chain?

It is critical that data and phone be home-run in today's new homes. Data, unlike telephone, can't share the same signal, and instead needs to be connected to a hub or router which will control traffic between devices. The FCC has mandated that homes be home-run wired (and must use Cat 3 at minimum) to maintain the integrity of the signal. Today's phone companies are providing DSL and home-run wiring gives greater flexibility.

Whole-Home Sound:

(14 gauge wire preferred, 16 gauge minimum)

- **Single-source, Volume Control Only:** Home-run 4 conductor wire to each volume control location in home. Run 2 conductors to each speaker location in room from volume control. Home-run 4 conductor wire from main stereo to central location.
- **Multi-source, Volume Control:** Same as above, add home-run Cat 5e to each volume control location (depending on system). May need to run 1 or multiple Cat 5e runs to main controller/amp unit.
- **Strand-Count:** Many installers prefer a high strand count speaker wire (SoundSational 65/34 or 105/34) because of the flexibility. Note that the stranding has little or no impact on the sound quality, only on the flexibility. If cost is an issue, opt for a smaller gauge and standard strand-count.

Identify the Application

Kitchen:

Best Practice: (2) Tel/Data (1) Coax
Minimum: (1) Tel/Data (1) Coax in 1 location

Media Room:

Best Practice: (3) Tel/Data (3) Coax in 2 locations, plus speaker wire
Minimum: (1) Tel/Data (2) Coax in 1 location

Home Office:

Best Practice: (3) Tel/Data (2) Coax in 2 locations
Minimum: (2) Tel/Data (1) Coax in 1 location

Bedroom:

Best Practice: (2) Tel/Data (2) Coax in 2 locations
Minimum: (1) Tel/Data (1) Coax in 1 location

More on Home Structured Cable

Component Needs:

Tivo®:	(1) Tel/Data (1 to 2) Coax
DirectTV® Tivo:	(1) Tel/Data (2 to 3) Coax (for recording 1 channel while watching another)
X-Box:	(1) Data
PlayStation2:	(1) Data
DirecTV:	(1) Tel/Data
DISH Network:	(1) Tel/Data (1) Coax
HDTV Receiver:	(1) Coax (for local HDTV channels)
Media Box:	(1) Data (watch digital pictures and movies from your computer at your TV)



Structured Wire Combination Cables

Residential Overall Bundled Cables



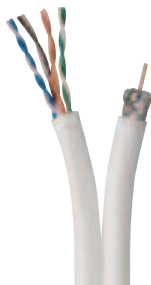
099273

99270



99272

99275



990001



96963

Part Number	Description	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
99273	(2) 62.5/125 tight buffered fiber - orange (2) RG6 Quad 18CCS, 60/40%AL - black, white Swept to 3.0 GHz (2) Cat 5e 24/4pr BC - blue, gray Tested to 350MHz	CM	159 lbs	0.670"	500' Reel (05)	Orange (03)
99270	(2) RG6 Quad 18CCS, 60/40%AL - black, white Swept to 3.0 GHz (2) Cat 5e 24/4pr BC - blue, gray Tested to 350MHz	CM	146 lbs	0.650"	250' Reel (04) 500' Reel (05) 1,000' Reel (06)	Blue (06)
99271	(2) RG6 Quad 18BC, 60/40%AL - black, white Swept to 3.0 GHz (2) Cat 5e 24/4pr BC - blue, gray Tested to 350MHz	CM	146 lbs	0.650"	500' Reel (05)	Blue (06)
99272	(2) RG6 Quad 18CCS, 60/40%AL - black, white Swept to 3.0 GHz (2) Cat 5e 24/4pr BC - blue Tested to 350MHz	CM	121 lbs	0.636"	500' Reel (05)	Green (05)
99275	(2) RG6 Quad 18CCS, 60/40%AL - black Swept to 3.0 GHz (2) Cat 5e 24/4pr BC - blue, gray Tested to 350MHz	CM	108 lbs	0.553"	500' Reel (05)	Yellow (02)

Residential Siamese Cables

Part Number	Description	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
990001	(1) RG6 Quad 18CCS, 60/40%AL Swept to 3.0 GHz (1) Cat 5e 24/4pr BC Tested to 350MHz	CM	67 lbs	0.290" x 0.575"	1,000' Reel (06)	White (01)
990002	(1) RG6 Quad 18BC, 60/40%AL Swept to 3.0 GHz (1) Cat 5e 24/4pr BC Tested to 350MHz	CM	70 lbs	0.290" x 0.575"	1,000' Reel (06)	White (01)
990003	(1) RG6 18CCS, 60%AL Swept to 3.0 GHz (1) Cat 5e 24/4pr BC Tested to 350MHz	CM	65 lbs	0.290" x 0.575"	1,000' Reel (06)	White (01)
990004	(1) RG6 18BC, 60%AL Swept to 3.0 GHz (1) Cat 5e 24/4pr BC Tested to 350MHz	CM	68 lbs	0.290" x 0.575"	1,000' Reel (06)	White (01)

Siamese (Dual) Cat 5e Cables

Part Number	Description	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
96963	(2) Cat 5e 24/4pr BC Tested to 350MHz	CM	51 lbs	0.185" x 0.370"	1,000' Reel (06)	Blue (06)



Specialized Home Control Cables

Whole-Home Siamese Speaker & Cat 5e Cables



99286

Part Number	Description	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
99286	Overall construction is parallel (1) Cat 5e 24/4pr BC - blue Tested to 350MHz (1) 16/4 stranded B(26/30) 99.97%OFC	CMR	68 lbs	0.228" x 0.440"	500' Reel (05) 1,000' Reel (06)	Purple (13)
99284	Overall construction is parallel (1) Cat 5e 24/4pr BC - blue Tested to 350MHz (1) 14/4 stranded B(41/30) 99.97%OFC	CMR	92 lbs	0.267" x 0.470"	500' Reel (05) 1,000' Reel (06)	Pink (11)

Whole-Home Overall Bundled Speaker & Cat 5e Cables



97193

Part Number	Description	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
96963	(1) Cat 5e 24/4pr BC - blue Tested to 350MHz (1) 16/4 stranded B(26/30) 99.97%OFC unjacketed	CL2	86 lbs	0.380"	500' Reel (05) 1,000' Reel (06)	Purple (06)

Media Control Cables[†]



99295

Part Number	Description	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
99295	Data: 22/1pr stranded BC (7/0.0096) OAS Nom. 100 Ohm impedance, 12.5 pF/ft, 86% VP Power: 18/2 stranded BC (7/0.0152)	CMR	37 lbs	0.250"	500' Reel (05) 1,000' Reel (06)	Teal w/Yellow stripe (G2)
99296	Data: 22/1pr stranded BC (7/0.0096) OAS Nom. 100 Ohm impedance, 12.5 pF/ft, 86% VP Power: 18/2 stranded BC (7/0.0152) (1) Cat 5e 24/4pr BC - blue Tested to 350MHz	CM	107 lbs	0.519"	500' Reel (05)	Teal w/Red stripe (G4)

[†] Meets or exceeds the requirements of AMX[®] AXLink[®] and Crestron[®] Cresnet[®] protocols.
AMX and AXLink are AMX trademarks. Crestron and Cresnet are Crestron trademarks.

SIGNAL BRAND[®]

For over 30 years Signal[®] brand cable from Coleman Cable has provided quality and top performance for virtually every low-voltage application. Signal[®] brand offers the most comprehensive selection of products available with user-friendly packaging to make installation easier. When you specify Coleman Cable's Signal[®] brand you get the job done right.





97272

Category 6 Cables

Part Number	Description	Pairs	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
97272	Cat 6 23/4pr solid BC ETL Verified, Tested 600 MHz	4	CMR	32 lbs	0.230"	1,000' RIB (16)	Orange (03) Green (05) Blue (06) Gray (09)
977964	Cat 6 23/4pr solid BC Plenum Rated ETL Verified, Tested 600 MHz	4	CMP	26 lbs	0.210"	1,000' RIB (16)	Orange (03) Green (05) Blue (06) Natural (23)

Freq. (MHz)	Attn. (dB/100m) Max	NEXT loss (dB) Min	PSNEXT loss (dB) Min	ACR (dB@100m) Min	PSACR (dB@100m) Min	ELFFEXT (dB@100m) Min	PSELFEXT (dB@100m) Min	Ret. Loss (dB) Max
1	2.0	74.3	72.3	72.3	70.3	67.8	64.8	20.0
10	6.0	59.3	57.3	53.3	51.3	47.8	44.8	25.0
16	7.6	56.2	54.2	48.6	46.6	43.7	40.7	25.0
20	8.5	54.8	52.8	46.3	44.3	41.8	38.8	25.0
31.25	10.7	51.9	49.9	41.2	39.2	37.9	34.9	23.6
62.5	15.4	47.4	45.4	32.0	30.0	31.9	28.9	21.5
100	19.8	44.3	42.3	24.5	22.5	27.8	24.8	20.1
200	29.0	39.8	37.8	10.8	8.8	21.8	18.8	18.0
250	32.8	38.3	36.3	5.5	3.5	19.8	16.8	17.3
350	40.0	36.2	34.2	-	-	16.9	13.9	16.3
400	43.2	35.3	33.3	-	-	15.7	12.7	15.9

Specification	Value
Mutual Capacitance: (nF / 100m) Nominal	4.4
DC Resistance: (Ohms / 100m @ 20°C) Max	8.9
Delay Skew: (ns / 100m) Max	25
Velocity of Propagation: Non-Plenum (%)	70
Plenum (%)	72
Input Impedance: (Ohms @ 1-100 MHz):	100+/-15
(Ohms @ 100-600 MHz):	100+/-32



96265

SigLAN® 350 Category 5e Cables

Part Number	Description	Pairs	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
96265	Cat 5e+ 23/4pr solid BC ETL Verified, Tested 600 MHz	4	CMR	20 lbs	0.210"	1,000' RIB (16)	Blue (06) Gray (09)
966957	Cat 5e+ 23/4pr solid BC Plenum Rated ETL Verified, Tested 600 MHz	4	CMP	20 lbs	0.190"	1,000' RIB (16)	Blue (06) Natural (23)

Freq. (MHz)	Attn. (dB/100m) Max	NEXT loss (dB) Min	PSNEXT loss (dB) Min	ACR (dB@100m) Min	PSACR (dB@100m) Min	ELFFEXT (dB@100m) Min	PSELFEXT (dB@100m) Min	Ret. Loss (dB) Max
1	2.0	70.3	67.3	68.3	65.3	63.8	60.4	20.0
10	6.5	55.3	52.3	48.8	45.8	43.8	40.8	25.0
16	8.2	52.2	49.2	44.0	41.0	39.7	36.7	25.0
20	9.3	50.8	47.8	41.5	38.5	37.7	34.7	25.0
31.25	11.7	47.9	44.9	36.2	33.2	33.9	30.9	23.6
62.5	17.0	43.4	40.4	26.4	23.4	27.8	24.8	21.5
100	22.0	40.3	37.3	18.3	15.3	23.8	20.8	20.1
200	32.4	35.8	32.8	3.4	0.4	18.0	15.0	18.0
250	41.0	33.0	30.0	-	-	14.0	11.0	16.8
350	44.9	32.0	29.0	-	-	13.0	10.0	16.3

Specification	Value
Mutual Capacitance: (nF / 100m) Nominal	4.4
DC Resistance: (Ohms / 100m @ 20°C) Max	8.9
Delay Skew: (ns / 100m) Max	25
Velocity of Propagation: Non-Plenum (%)	70
Plenum (%)	72
Input Impedance: (Ohms @ 1-100 MHz):	100+/-15
(Ohms @ 100-600 MHz):	100+/-32





96263

Category 5e Cables

Part Number	Description	Pairs	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
96262	Cat 5e 24/4pr solid BC ETL Verified, Tested 350 MHz	4	CM	24 lbs	0.185"	1,000' Box (46)	Blue (06)
96263	Cat 5e 24/4pr solid BC ETL Verified, Tested 350 MHz	4	CMR	24lbs	0.185"	1,000' RIB (16) 1,000 Box (46)	White (01) Yellow (02) Orange (03) Green (05) Blue (06) Gray (09) Pink (21)
96963	2x Cat 5e 24/4pr solid BC Dual (Parallel) construction ETL Verified, Tested 350 MHz	4+4	CMR	51 lbs	0.185" x 0.370"	1,000' Reel (06)	Blue (06)
966956	Cat 5e+ 24/4pr solid BC Plenum Rated ETL Verified, Tested 350 MHz	4	CMP	21 lbs	0.180"	1,000' RIB (16)	Yellow (02) Orange (03) Green (05) Blue (06) Gray (09) Natural (23)
96294	Cat 5e 24/4pr solid BC For direct burial use (flooded)	4	n/a	20 lbs	0.250"	1,000' Reel (06)	Blue (06)

Freq. (MHz)	Attn. (dB/100m) Max	NEXT loss (dB) Min	PSNEXT loss (dB) Min	ACR (dB@100m) Min	PSACR (dB@100m) Min	ELFFEXT (dB@100m) Min	PSELFEXT (dB@100m) Min	Ret. Loss (dB) Max
1	2.0	65.3	62.5	63.3	60.3	63.8	60.8	20.0
10	6.5	50.3	47.3	43.8	40.8	43.8	40.8	25.0
16	8.2	47.3	44.3	39.1	36.1	39.7	36.7	25.0
20	9.3	45.8	42.8	36.5	33.5	37.7	34.7	25.0
31.25	11.7	42.9	39.9	31.2	28.2	33.9	30.9	23.6
62.5	17.0	38.4	35.4	21.4	18.4	27.8	24.8	21.5
100	22.0	35.3	32.3	13.3	10.3	23.8	20.8	20.1

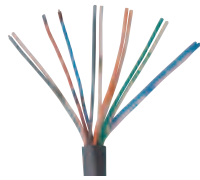
Specification	Value
Mutual Capacitance: (nF / 100m) Nominal	4.4
DC Resistance: (Ohms / 100m @ 20°C) Max	8.9
Delay Skew: (ns / 100m) Max	45
Velocity of Propagation: Non-Plenum (%)	70
Plenum (%)	72
Input Impedance: (Ohms @ 1-100 MHz):	100+/- 15



96203



96204



96206

Category 3 Cables

Part Number	Description	Pairs	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
96202	Cat 3 24/2pr solid BC ETL Verified	2	CMR	10 lbs	0.140"	1,000' Box (46)	Gray (09) Beige (33)
96203	Cat 3 24/3pr solid BC ETL Verified	3	CMR	14 lbs	0.150"	1,000' Box (46)	Gray (09) Beige (33)
96204	Cat 3 24/4pr solid BC ETL Verified	4	CMR	17 lbs	0.180"	1,000' Box (46)	Gray (09) Beige (33)
96206	Cat 3 24/6pr solid BC	6	CMR	25 lbs	0.200"	1,000 Box (46)	Gray (09)
996212	Cat 3 24/12pr solid BC	12	CMR	53 lbs	0.320"	1,000 Reel (06)	Gray (09)
96210	Cat 3 24/25pr solid BC	25	CMR	108 lbs	0.410"	1,000 Reel (06)	Gray (09)
96214	Cat 3 24/4pr solid BC ETL Verified, Plenum Rated	4	CMP	19 lbs	0.160"	1,000' Box (46)	Gray (09) Beige (33)

Freq. (MHz)	Attn. (dB/100m) Max	NEXT loss (dB) Min	Ret. Loss (dB) Max
1	2.6	41	12
4	2.6	32	12
8	2.6	27	12
10	2.6	26	12
16	2.6	23	10



Sound/Security Cable

What Really Matters in Selecting the RIGHT Sound/Security Cable

Plenum vs. Riser vs. Non-Plenum

PLENUM RATED: Plenum spaces are defined as any space used as return passage for environmental air (such as ducts). NEC Code states that all cabling not in conduit, installed in plenum spaces, shall be listed as having adequate fire-resistant and low smoke producing characteristics. Beware of imitations that are "plenum-listed" or "plenum-approved". All listed and classified cables must be identified every 24 inches with printing on the jacket or internal marker tape.

RISER RATED: "Non-Plenum" does not necessarily mean "Riser". Some companies offer CM rated (general purpose) cable that is NOT riser rated, for a lower price. Note that a CMR product can be used where a CM product would be acceptable; but the reverse does not hold true (see NEC Article 800 chart to the right). By selling the riser-rated product, you reduce the number of sku's you and your customers have to handle.

Shielded vs. Unshielded

SHIELDED: Offers excellent protection against interference (EMI & RFI).

- **EMI (Electro Magnetic Interference):** Electrostatic sparks or spiking from motors, neon or fluorescent lighting ballasts, or any other sources that cause noise. Shielded cables should be considered for installations in areas near dimmer panels and light switches, in parallel runs, near neon or fluorescent lights and near powercables.

- **RFI (Radio Frequency Interference):** Some frequencies used for radio communications have a tendency to become coupled onto conductors to produce RFI. Depending on the level of interference, shielded cables offer excellent protection against this common noise.

UNSHIELDED: Cost effective in areas where interference is not a concern.

Cabled (Twisted) vs. Straight-Lay (Zip or Parallel)

CABLED: Reduces crosstalk interference from other signals (inside or outside the cable). Standard straight-lay cables do not offer enough protection, but twisted cables can minimize this type of noise especially over longer runs.

STRAIGHT-LAY: Cost effective for areas where interference is not a concern.

Stranded vs. Solid

STRANDED: The industry standard for most electronic cables. Stranded conductors are more flexible than solid and are easier to pull. Stranded conductors reduce potential conductor breakage when repeatedly flexed, and the increased surface area may be a factor in overall frequency response.

SOLID: Occasionally requested because it's less-expensive or the application requires solder of connectors. Solid conductors are easier to terminate.

AWG (Gauge)

22 thru 12 gauge is most common. Larger size for longer runs..Power loss should be calculated to determine the appropriate Gauge size.

Number of Conductors

2 & 4 conductor are most popular. 6, 8, 10 or higher conductor count may be required for complex systems or multiple zones.

Is your competition beating you on price?

- CMR vs CM / "Plenum" vs "Non-Plenum" (general purpose) - Don't assume riser when your customer says non-plenum.
- Cabled (Twisted) vs Straight-Lay (Zip or Parallel) - Different constructions make a big difference in price.
- High-Grade Strand-count - Be sure you compare apples to apples.





94722

Soundsational™ Round Speaker Cables

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
94762	16/2 stranded BC (65/34) 99.97% OFC	16	2	CM/CL3	30 lbs	0.192"	500' Box (45)	White (01) Yellow (02)
94764	16/4 stranded BC (65/34) 99.97% OFC	16	4	CM/CL3	46 lbs	0.224"	500' Box (45)	Blue (06)
94742	14/2 stranded BC (105/34) 99.97% OFC	14	2	CM/CL3	43 lbs	0.222"	500' Box (45)	White (01)
94744	14/4 stranded BC (105/34) 99.97% OFC	14	4	CM/CL3	68 lbs	0.260"	500' Box (45)	Yellow (02)
94722	12/2 stranded BC (168/34) 99.97% OFC	12	2	CM/CL3	70 lbs	0.278"	500' Reel (05)	White (01) Purple (13)



94642

94664

Contractor Grade Speaker Cables

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
94662	16/2 stranded BC (26/30) 99.97% OFC	16	2	CL3	23 lbs	0.188"	500' Box (45)	White (01) Yellow (02)
94664	16/4 stranded BC (26/30) 99.97% OFC	16	4	CL3	42 lbs	0.220"	500' Box (45)	Blue (06)
94642	14/2 stranded BC (41/30) 99.97% OFC	14	2	CL3	34 lbs	0.218"	500' Box (45)	White (01)
94644	14/4 stranded BC (41/30) 99.97% OFC	14	4	CL3	63 lbs	0.256"	500' Box (45)	Yellow (02)



94616

Premium Parallel Zip Speaker Cables

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
94616	16/2 stranded BC (165/34) 99.97% OFC	12	2	CL2	31 lbs	0.126" x 0.226"	250' Reel (05) 500' Reel (05)	Clear (18)
94614	14/2 stranded BC (105/30) 99.97% OFC	16	4	CL2	49 lbs	0.157" x 0.360"	500' Box (45)	Clear (18)
94612	12/2 stranded BC (168/34) 99.97% OFC	12	2	CL2	66 lbs	0.193" x 0.410"	500' Reel (05) 1,000' Reel (06)	Clear (18)

Commercial Zip Speaker Cables

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
94603	16/2 stranded BC (26/30)	16	2	CL2				
94605	16/2 stranded BC (19/0.0017)	16	4	CL2				
94607	14/2 stranded BC (19/0.0017)	14	2	CL2				
94608								





Unshielded Electronic Wire

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
53101	22/2 stranded BC (7/30)	22	2	CMR CL3R	7 lbs	0.110"	1,000' Box (46)	White (01)
53112	22/4 stranded BC (7/30)	22	4	CMR CL3R	13 lbs	0.127"	1,000' Box (46)	White (01)
51116	22/6 stranded BC (7/30)	22	6	CMR CL3R	19 lbs	0.161"	500' Box (45) 1,000' Box (46)	Gray (09)
51118	22/8 stranded BC (7/30)	22	8	CMR CL3R	24 lbs	0.174"	500' Box (45)	Gray (09)
51122	22/12 stranded BC (7/0.0152)	22	12	CMR CL3R	35 lbs	0.209"	500' Box (45)	Gray (09)
51104	18/2 stranded BC (7/30)	18	2	CMR CL3R	15 lbs	0.142"	500' Box (45) 1,000' Box (46)	White (01) Gray (09)
51109	18/3 stranded BC (7/0.0152)	18	3	CMR CL3R	21 lbs	0.151"	1,000' Box (46)	Gray (09)
51114	18/4 stranded BC (7/30)	18	4	CMR CL3R	27 lbs	0.166"	500' Box (45) 1,000' Box (46)	White (01) Gray (09)
51117	18/6 stranded BC (7/0.0152)	18	6	CMR CL3R	41 lbs	0.215"	1,000' Reel (06)	Gray (09)
51119	18/8 stranded BC (7/0.0152)	18	8	CMR CL3R	54 lbs	0.233"	1,000' Reel (06)	Gray (09)
51123	18/12 stranded BC (7/0.0152)	18	12	CMR CL3R	78 lbs	0.275"	500' Reel (05) 1,000' Reel (06)	Gray (09)
51105	16/2 stranded BC (19/0.0117)	16	2	CMR CL3R	23 lbs	0.168"	500' Box (45) 1,000' Box (46)	White (01) Gray (09)
51115	16/4 stranded BC (19/0.0117)	16	4	CMR CL3R	43 lbs	0.203"	500' Box (45) 1,000' Box (46)	Gray (09)
51140	14/2 stranded BC (19/0.0147)	14	2	CMR CL3R	35 lbs	0.206"	1,000' Reel (06)	Gray (09)
51174	14/4 stranded BC (19/0.0147)	14	4	CMR CL3R	65 lbs	0.252"	1,000' Reel (06)	Gray (09)
51142	12/2 stranded BC (19/0.0185)	12	2	CMR CL3R	53 lbs	0.260"	1,000' Reel (06)	Gray (09)



Overall Shield Electronic Wire

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
95211	22/2 stranded BC (7/30) OAS	22	2	CMR CL3R	10 lbs	0.129"	1,000' Box (46)	Gray (09)
67001	22/4 stranded BC (7/30) OAS	22	4	CMR CL3R	16 lbs	0.148"	500' Box (45) 1,000' Box (46)	Gray (09)
67005	22/6 stranded BC (7/30) OAS	22	6	CMR CL3R	23 lbs	0.178"	500' Box (45)	Gray (09)
67007	22/8 stranded BC (7/30) OAS	22	8	CMR CL3R	29 lbs	0.192"	500' Box (45)	Gray (09)
67009	22/12 stranded BC (7/30) OAS	22	12	CMR CL3R	41 lbs	0.230"	500' Box (45)	Gray (09)
95214	18/2 stranded BC (7/0.0152) OAS	18	2	CMR CL3R	18 lbs	0.163"	1,000' Reel (06) 1,000' Box (46)	Gray (09)
95218	18/3 stranded BC (7/0.0152) OAS	18	3	CMR CL3R	25 lbs	0.175"	1,000' Reel (06) 1,000' Box (46)	Gray (09)
67003	18/4 stranded BC (7/0.0152) OAS	18	4	CMR CL3R	34 lbs	0.193"	1,000' Reel (06) 1,000' Box (46)	Gray (09)
67006	18/6 stranded BC (7/0.0152) OAS	18	6	CMR CL3R	46 lbs	0.230"	1,000' Reel (06) 500' Box (45)	Gray (09)
67008	18/8 stranded BC (7/0.0152) OAS	18	8	CMR CL3R	59 lbs	0.249"	1,000' Reel (06)	Gray (09)
67010	18/12 stranded BC (7/0.0152) OAS	18	12	CMR CL3R	86 lbs	0.301"	1,000' Reel (06)	Gray (09)
95215	16/2 stranded BC (19/0.0117) OAS	16	2	CMR CL3R	26 lbs	0.187"	1,000' Reel (06)	Gray (09)
95230	16/4 stranded BC (19/0.0117) OAS	16	4	CMR CL3R	46 lbs	0.218"	1,000' Reel (06)	Gray (09)
95253	14/2 stranded BC (19/0.0147) OAS	14	2	CMR CL3R	37 lbs	0.216"	1,000' Reel (06)	Gray (09)





Plenum Unshielded Electronic Wire

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
72302	22/2 stranded BC (7/30)	22	2	CMP CL3P	8 lbs	0.109"	1,000' Box (46)	Natural (23)
72304	22/4 stranded BC (7/30)	22	4	CMP CL3P	13 lbs	0.127"	1,000' Box (46)	Natural (23)
72306	22/6 stranded BC (7/30)	22	6	CMP CL3P	20 lbs	0.150"	1,000' Box (46)	Natural (23)
72308	22/8 stranded BC (7/30)	22	8	CMP CL3P	25 lbs	0.163"	1,000' Reel (06)	Natural (23)
72312	22/12 stranded BC (7/30)	22	12	CMP CL3P	38 lbs	0.203"	1,000' Reel (06)	Natural (23)
71902	18/2 stranded BC (7/0.0152)	18	2	CMP CL3P	16 lbs	0.142"	1,000' Reel (06) 1,000' Box (46)	Natural (23)
71903	18/3 stranded BC (7/0.0152)	18	3	CMP CL3P	22 lbs	0.151"	1,000' Reel (06) 1,000' Box (46)	Natural (23)
71904	18/4 stranded BC (7/0.0152)	18	4	CMP CL3P	28 lbs	0.166"	1,000' Reel (06) 1,000' Box (46)	Natural (23)
71906	18/6 stranded BC (7/0.0152)	18	6	CMP CL3P	43 lbs	0.205"	1,000' Reel (06)	Natural (23)
71908	18/8 stranded BC (7/0.0152)	18	8	CMP CL3P	56 lbs	0.223"	1,000' Reel (06)	Natural (23)
71912	18/12 stranded BC (7/0.0152)	18	12	CMP CL3P	83 lbs	0.271"	1,000' Reel (06)	Natural (23)
71702	16/2 stranded BC (19/0.0117)	16	2	CMP CL3P	24 lbs	0.177"	1,000' Reel (06)	Natural (23)
71704	16/4 stranded BC (19/0.0117)	16	4	CMP CL3P	46 lbs	0.214"	1,000' Reel (06)	Natural (23)
71502	14/2 stranded BC (19/0.0147)	14	2	CMP CL3P	36 lbs	0.206"	1,000' Reel (06)	Natural (23)



Plenum Overall Shield Electronic Wire

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
75302	22/2 stranded BC (7/30) OAS	22	2	CMP CL3P	11 lbs	0.128"	1,000' Reel (06) 1,000' Box (46)	Natural (23)
75304	22/4 stranded BC (7/30) OAS	22	4	CMP CL3P	17 lbs	0.146"	1,000' Reel (06) 1,000' Box (46)	Natural (23)
75306	22/6 stranded BC (7/30) OAS	22	6	CMP CL3P	23 lbs	0.172"	1,000' Reel (06) 1,000' Box (46)	Natural (23)
75308	22/8 stranded BC (7/30) OAS	22	8	CMP CL3P	30 lbs	0.190"	1,000' Reel (06) 1,000' Box (46)	Natural (23)
75902	18/2 stranded BC (7/0.0152) OAS	18	2	CMP CL3P	19 lbs	0.162"	1,000' Reel (06) 1,000' Box (46)	Natural (23)
75903	18/3 stranded BC (7/0.0152) OAS	18	3	CMP CL3P	25 lbs	0.170"	1,000' Reel (06) 1,000' Box (46)	Natural (23)
75904	18/4 stranded BC (7/0.0152) OAS	18	4	CMP CL3P	32 lbs	0.186"	1,000' Reel (06) 1,000' Box (46)	Natural (23)
75906	18/6 stranded BC (7/0.0152) OAS	18	6	CMP CL3P	47 lbs	0.227"	1,000' Reel (06)	Natural (23)
75908	18/8 stranded BC (7/0.0152) OAS	18	8	CMP CL3P	60 lbs	0.246"	1,000' Reel (06)	Natural (23)
75702	16/2 stranded BC (7/0.0117) OAS	16	2	CMP CL3P	26 lbs	0.187"	1,000' Reel (06)	Natural (23)
75704	16/4 stranded BC (7/0.0117) OAS	16	4	CMP CL3P	48 lbs	0.224"	1,000' Reel (06)	Natural (23)
75502	14/2 stranded BC (19/0.0147) OAS	14	2	CMP CL3P	39 lbs	0.216"	1,000' Reel (06)	Natural (23)



Sound/Security Cable

What Really Matters in Selecting the RIGHT Coax Cable

The application determines what's important in selecting the right cable; however there are some overall conditions to watch out for in all coax cables to make sure your installers do not incur costly call-backs.

Overall

DIELECTRIC: Too loosely extruded on the center conductor... the cable won't hold a signal. Too tightly extruded...the residue left on the center conductor when the ends are stripped can result in a poor connectorization and cause signal problems.

JACKET: PVC...most commonly used compound because it provides sufficient protection, flexibility and offers a temperature rating of -40°C to 80°C. Some companies "cheapen" the product by manufacturing the bare minimum jacket thickness, using compounds that are very hard, or extruding the jacket very tightly to the dielectric. Too small diameter...connectors won't stay on the cable, too hard jacket...installer can't get the connector on the end, too tight jacket...installer has difficulty stripping the end

CATV, HDTV & MATV Applications

(Cable, High Definition, Master Antenna, Digital & Satellite)

CENTER CONDUCTOR: Most applications use **copper clad steel (CCS)**. Yet, the latest technology in satellite dishes recommend a bare copper center conductor to carry power to the dish to operate the LNBS. You may recommend that installers use BC center conductors in case the owner eventually wants to add a satellite dish, he won't have to run new coax cable.

SHIELDING: Foil and Braid shielding are important to insure coverage for both the high and low frequencies (see chart). Local codes often dictate the amount of shielding required. Some markets only allow RG6 Quad 60/40%, while in others, RG6 60% or 40% are acceptable. The use of a **Quad shield will cover all applications** and eliminate the risk of interference for the user. The RG6 40% is the lower cost product. The risk of using RG6 40% is problems with signal interference once the cable is installed. Installers do not want to waste time on call-backs because the user can't get the higher channels or they're having radio interference. **Opt for Quad shield**... most cable TV systems today use up to 2.2 GHz of bandwidth. With digital TV, you need 1gig; but many installers use 2.2 GHz to future-proof. Most CCI coax for CATV & Satellite TV is swept to 3.0 GHz.

CCTV Applications

(Security Cameras)

CENTER CONDUCTOR: **Solid bare copper (BC)** is used because it has the **best signal strength at low frequencies** and will reduce the chance of distortion and line loss. The size of the center conductor is typically specified by the manufacturer of the camera. **For longer runs**...recommend a RG6 or RG11. **For shorter runs or space constraints**... recommend a RG59 or mini-coax. For example: in a casino where there can be as many as 25 cameras in a 25sq-ft area, the mini-coax may connect the cameras to a center console and a RG6 may be used as a main run back to the central station.

SHIELDING: Most applications use a **bare copper braid (BC)** typically 95%. No need for foil shielding...because CCTV operates at low frequencies.

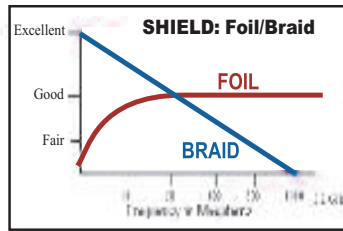
Identify the Application

- CATV (Community Antenna Television)
- CCTV (Closed Circuit Television)
- MATV (Master Antenna Television)
- HDTV (High Definition Television)
- Satellite
- Broadcast Video
- LAN (Local Area Network)

Frequency:

- **High Frequency Application (such as: satellite or digital)**
- **Low Frequency Application (such as: security cameras)**

Foil/Braid Shielding



In CATV and Satellite Applications:

Both braid and foil shielding are important to insure coverage for both high and low frequency applications.

More on Coax

Attenuation: Lower is better. Attenuation refers to the loss of signal strength in the cable from initial point of the signal to destination. The more attenuation you have, the less signal is present at the receiver. Attenuation is influenced by the dielectric quality more than the braid coverage.

"Swept to 2.2 gig": The results of the sweep-test are more important than just being "swept". Some companies readily print "swept to 2.2gig" on their cables, packaging or spec sheets. It's important to insure that the results of the test are sufficient to provide protection (against EMI and RFI) and ample signal strength for the application. For CATV, HDTV satellite and digital cable, it is especially important to use a quality cable to insure that the owner has ample signal strength in the higher channels of the spectrum. Also note that CCI tests our products to 3.0 GHz (see website for details).

Shielding: Determines the level of protection from interference that is allowed in the signal and that is leaked out of cable. Shielding provides protection from EMI & RFI.

EMI: Electromagnetic interference

(caused by electric motors, ballasts, & other high voltage currents)

RFI: Radio Frequency Interference

(such as: cell phones, radio towers or garage door openers)

Jacket Compounds:

- **PVC** is most commonly used because it provides sufficient protection and flexibility. Temperature rating: -40°C to 80°C.
- **PE** (polyethylene) for direct burial. Temperature rating: -55°C to 85°C.

Center Conductors:

- **CCS** (copper clad steel) provides best durability and strength. Often used in CATV, HDTV and MATV applications.
- **BC** (bare copper) offers the best signal strength at low frequencies & is used in most CCTV (low-frequency) applications.





821010

RG11 Quad Shield CATV Coax Cables

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
992165	RG11 14CCS 60/40%AL Quad - Tested 3.0 GHz	14CCS	CL2	74 lbs	0.424"	1,000' Reel (06)	Black (08)
821010	RG11 14CCS 60/40%AL Quad - Tested 3.0 GHz Plenum Rated	14CCS	CL2P	61 lbs	0.378"	1,000' Reel (06)	Natural (23)



821013

RG11 CATV Coax Cables

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
992155	RG11 14CCS 60%AL - Tested 3.0 GHz	14CCS	CL2	66 lbs	0.405"	1,000' Reel (06)	Black (08)
992153	RG11 14CCS 60%AL - Tested 3.0 GHz Bare Copper Center Conductor	14CCS	CL2	66 lbs	0.405"	1,000' Reel (06)	Black (08)
821013	RG11 14CCS 61%AL - Tested 3.0 GHz Plenum Rated	14CCS	CL2P	54 lbs	0.346"	1,000' Reel (06)	White (01)



92041



921019

RG6 Quad Shield CATV Coax Cables

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
92041	RG6 18CCS 60/40%AL Quad - Tested 3.0 GHz	18CCS	CM CL3	34 lbs	0.300"	1,000' Box (46) 1,000' Reel (06)	White (01) Black (08)
992151	RG6 18CCS 60/40%AL Quad - Tested 3.0 GHz 2x Dual (Siamese) construction	18CCS	CM CL3	66 lbs	0.300" x 0.629"	1,000' Reel (06)	Black (08)
920414	RG6 18BC 60/40%AL Quad - Tested 3.0 GHz Bare Copper Center Conductor	18BC	CM CL3	34 lbs	0.300"	1,000' Box (46) 1,000' Reel (06)	White (01) Black (08)
920413	RG6 18CCS 60/40%AL Quad - Tested 3.0 GHz Riser Rated	18CCS	CMR CL3R	35 lbs	0.300"	1,000' Reel (06)	Black (08)
921019	RG6 18CCS 60/40%AL Quad - Tested 3.0 GHz Plenum Rated	18CCS	CMP CL3P	32 lbs	0.272"	1,000' Reel (06)	White (01) Black (08)
99911	RG6 18BC 60/40%AL Quad - Tested 3.0 GHz Plenum Rated, Bare Copper Center Conductor	18BC	CMP CL3P	33 lbs	0.274"	1,000' Reel (06)	Natural (23)
92071	RG6 18CCS 60/40%AL Quad - Tested 3.0 GHz For Direct Burial use (flooded)	18CCS	n/a	34 lbs	0.300"	1,000' Reel (06)	Black (08)
992841	RG6 18CCS 60/40%AL Quad - Tested 3.0 GHz w/17 AWG steel mess. for aerial applications	18CCS	n/a	50 lbs	0.300" x 0.424"	1,000' Reel (06)	Black (08)

Home Technology

Coleman Cable's Signal® brand electronic cable provides the necessities that today's intelligent homes require. Advanced category 6 and 5e cables provide top performance for high speed networking. Multi-conductor and multi-pair cables maintain signal over longer distances with less distortion for all electronic cable applications. Category products are UL or ETL verified to ensure top performance. A variety of user-friendly packaging options provide efficient and hassle-free product usage.





992118

RG6 Tri-Shield CATV Coax Cables

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
992118	RG6 18CCS 80%AL Tri-Shield - Tested 3.0 GHz	18CCS	CM CL3	31 lbs	0.288"	1,000' Reel (06) 1,000' Box (46)	Black (08)



92003

RG6 Dual Shield CATV Coax Cables

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
92001	RG6 18CCS 40%AL - Tested 3.0 GHz	18CCS	CM CL3	26 lbs	0.269"	1,000' Box (46) 1,000' Reel (06)	Black (08)
92003	RG6 18CCS 60%AL - Tested 3.0 GHz	18CCS	CM CL3	26 lbs	0.269"	1,000' Box (46) 1,000' Reel (06)	White (01) Black (08)
992132	RG6 18CCS 60%AL - Tested 3.0 GHz 2x Dual (Siamese) construction	18CCS	CM CL3	58 lbs	0.269" x 0.503	1,000' Reel (06)	White (01) Black (08)
92049	RG6 18CCS 60%AL - Tested 3.0 GHz Bare Copper Center Conductor	18BC	CM CL3	28 lbs	0.269"	1,000' Box (46) 1,000' Reel (06)	Black (08)
920036	RG6 18CCS 60%AL - Tested 3.0 GHz Riser Rated	18CCS	CMR CL3R	28 lbs	0.269"	1,000' Box (46) 1,000' Reel (06)	Black (08)
921015	RG6 18CCS 80%AL - Tested 3.0 GHz Plenum Rated	18CCS	CMP CL3P	26 lbs	0.228"	1,000' Reel (06)	White (01)
921009	RG6 18BC 80%AL - Tested 3.0 GHz Plenum Rated	18BC	CMP CL3P	26 lbs	0.228"	1,000' Reel (06)	White (01)
921007	RG6 18BC 90%AL - Tested 3.0 GHz Plenum Rated	18BC	CMP CL3P	27 lbs	0.233"	1,000' Reel (06)	White (01)
992479	RG6 18CCS 60%AL - Tested 3.0 GHz For Direct Burial use (flooded)	18CCS	n/a	27 lbs	0.269"	1,000' Reel (06)	Black (08)
992481	RG6 18CCS 60%AL - Tested 3.0 GHz w/17 AWG steel mess. for aerial applications	18CCS	n/a	67 lbs	0.271" x 0.735"	1,000' Reel (06)	Black (08)



92009

RG59 Budget CATV Coax Cables

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
92006	RG59 22CCS 40%AL	22CCS	CM CL3	20 lbs	0.239"	1,000' Reel (06) 1,000' Box (46)	Black (08)
92009	RG59 22CCS 65%AL	22CCS	CM CL3	21 lbs	0.239"	1,000' Reel (06) 1,000' Box (46)	Black (08)

Security

Signal® brand Sound and Security Cables provide solutions for virtually every security application. Coleman Cable's technical expertise and innovative engineering ensure delivery of high quality and top performing products demanded by the market today. A variety of user-friendly packaging options provide efficient and hassle-free product usage.





RG11 Type CCTV Coax Cables

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
992161	RG11 14BC 95%BC	14BC	CM CL3	83 lbs	0.405"	1,000' Reel (06)	Black (08)
821005	RG11 14BC 95%BC Plenum Rated	14BC	CMP CL3P	78 lbs	0.344"	1,000' Reel (06)	White (01)
191037	RG11 14BC 95%BC For direct burial use (flooded)	14BC	n/a	87 lbs	0.405"	1,000' Reel (06)	Black (08)



RG6 Type CCTV Coax Cables

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
92045	RG6 18BC 95%BC	18BC	CM CL3	41 lbs	0.270"	1,000' Reel (06) 1,000' Box (46)	Black (08)
921003	RG6 18BC 95%BC Plenum Rated	18BC	CMP CL3P	37 lbs	0.228"	1,000' Reel (06) 1,000' Box (46)	White (01)
92061	RG6 18BC 95%BC For direct burial use8	18BC	n/a	35 lbs	0.270"	1,000' Reel (06)	Black (08)
192061	RG6 18BC 95%BC For direct burial use (flooded)	18BC	n/a	38 lbs	0.270"	1,000' Reel (06)	Black (08)



RG59 Type CCTV Coax Cables

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
92074	RG59 20BC 95%BC	20BC	CM CL3	33 lbs	0.236"	1,000' Reel (06) 1,000' Box (46)	White (01) Black (08)
99969	RG59 20BC 95%BC Plenum Rated	20BC	CMP CL3P	29 lbs	0.198"	1,000' Reel (06) 1,000' Box (46)	White (01)
192115	RG59 20BC 95%BC For direct burial use (flooded)	20BC	n/a	34 lbs	0.269"	1,000' Reel (06)	Black (08)

Micro CCTV Coax Cables

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
993211	Micro 25BC 95%BC	25BC	CM	16 lbs	0.150"	1,000' Reel (06)	White (01) Black (08)

CCTV

Coleman Cable's PowerWatch™ cable is the latest in CCTV cable technology. You can run, for example, power, video and control signals all over a single unshielded twisted pair (UTP) cable. These signals can be sent over longer distances than with ordinary CCTV cables. PowerWatch™ is lighter, takes up less room and lowers life-time systems costs. Coleman Cable offers the most comprehensive cable packages available today.





991055

RG59 Type CCTV Coax (moving application) Cables

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
991055	RG59 22 stranded BC (7/30) 95%BC	22	CM CL3	32 lbs	0.236"	1,000' Reel (06)	Black (08)



993253

Siamese CCTV Combination Coax Cables

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
993253	RG59 20BC 95%BC + 18/2 STR BC for power	20BC	CM CL3	53 lbs	0.232" x 0.421"	500' Box (46) 1,000' Reel (06)	White (01) Black (08)
993256	RG59 20BC 95%BC + 18/2 STR BC for power Plenum Rated	20BC	CMP CL3P	49 lbs	0.232" x 0.421"	500' Box (46) 1,000' Reel (06)	White (01) Black (08)
991055	RG59 20BC 95%BC + 18/2 STR BC for power For direct burial use	20BC	n/a	45 lbs	0.236"	1,000' Reel (06)	Black (08)
991055	RG6 18BC 95%BC + 18/2 STR BC for power	18BC	CM	61 lbs	0.236"	1,000' Reel (06)	Black (08)



92094

Round CCTV Combination Coax Cables

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
92094	RG59 20BC 95%BC + 18/2 STR BC for power	20BC	CM CL3	64 lbs	0.340"	500' Box (46) 1,000' Reel (06)	White (01) Black (08)
99979	RG59 20BC 95%BC + 18/2 STR BC for power Plenum Rated	20BC	CMP CL3P	54 lbs	0.226" x 0.366"	1,000' Reel (06)	White (01)



The Seoprene® Portable Cord Series

Coleman Cable's Seoprene® Thermoplastic Elastomer cord products are technologically advanced to meet the requirements of today's demanding commercial and industrial applications. They provide the chemical resistance characteristics of PVC with highly flexible properties.

FEATURES:

- **Easy to Strip**
- **Lighter in Weight**
- **Outstanding flexibility**
- **Non-wicking polypropylene fillers**
- **All-weather protection from -50°C to 105°C**



PROPERTIES	SJE00W	SE00W
Flexibility	Superior	Superior
Oil Resistance Insulation	Superior	Superior
Oil Resistance Jacket	Superior	Superior
Abrasion Resistance	Superior	Superior
Tear Resistance	Superior	Superior
Ozone Resistance	Superior	Superior
Low-Temperature Flexibility	Very Good	Very Good



Seoprene® 105 Black

It is perfect for general indoor and outdoor temporary power applications such as industrial controls, motor controls, compressors, robotic systems and portable tools.

Part Number	Description	Stranding	Nominal Insulation Thickness	Nominal Jacket Thickness	Nominal OD	Ampacity	Wt/M'
23325	18/3 SJE00W	16/30	.031	.032	.310	10	55
23425	18/4 SJE00W	16/30	.031	.032	.335	7	66
23326	16/3 SJE00W	26/30	.031	.032	.335	13	67
23426	16/4 SJE00W	26/30	.031	.032	.360	10	78
23327	14/3 SJE00W	41/30	.031	.032	.370	18	84
23427	14/4 SJE00W	41/30	.031	.032	.400	15	104
23328	12/3 SJE00W	65/30	.031	.047	.435	25	123
23428	12/4 SJE00W	65/30	.031	.047	.475	20	157
23329	10/3 SJE00W	104/30	.046	.062	.580	30	216
23429	10/4 SJE00W	104/30	.046	.062	.640	25	276
22325	18/3 SE00W	16/30	.031	.062	.365	10	69
22425	18/4 SE00W	16/30	.031	.062	.395	7	81
22326	16/3 SE00W	26/30	.031	.062	.390	13	81
22426	16/4 SE00W	26/30	.031	.062	.420	10	99
30506	16/5 SE00W	26/30	.031	.085	.495	8	135
22327	14/3 SE00W	41/30	.046	.082	.525	18	149
22427	14/4 SE00W	41/30	.046	.082	.575	15	183
22328	12/3 SE00W	65/30	.046	.097	.595	25	199
22428	12/4 SE00W	65/30	.046	.097	.645	20	242
22329	10/3 SE00W	104/30	.046	.095	.655	30	259
22429	10/4 SE00W	104/30	.046	.095	.705	30	316

Applications: Heavy machine tools; compressors; portable tools; robotics; motor controls. Suitable for use in wet locations including submersion in water.



Seoprene®

Seoprene® 105 Black--Large Sizes



Part Number	Description	Stranding	Nominal Insulation Thickness	Nominal Jacket Thickness	Nominal OD	Ampacity	Wt/M'
22320	8/3 SEOW	96/28	.048	.095	.700	40	332
22420	8/4 SEOW	96/28	.048	.100	.783	35	425
22470	8/5 SEOW	96/28	.048	.100	.850	28	509
22321	6/3 SEOW	96/26	.048	.100	.818	55	473
22421	6/4 SEOW	96/26	.048	.100	.892	45	594
22521	6/5 SEOW	96/26	.048	.110	.992	36	744
22322	4/3 SEOW	96/24	.048	.110	.982	70	677
22422	4/4 SEOW	96/24	.048	.125	1.104	70	886
22552	4/5 SEOW	96/24	.048	.125	1.203	48	1134
22323	2/3 SEOW	7 X 17/.0223	.050	.125	1.158	95	1074
22423	2/4 SEOW	7 X 17/.0223	.050	.125	1.267	80	1332
22553	2/5 SEOW	7 X 17/.0223	.050	.135	1.389	64	1538

UL constructions available

Applications: Heavy machine tools; compressors; portable tools; robotics; motor controls.

Suprene™ 105 Yellow

For use in the toughest environments. Offers a temperature rating of -60°C to 105°C and 25% more abrasion resistance. Use on heavy-duty industrial applications where chemicals and/or abrasion present a problem. Safety yellow color provides high visibility.



Part Number	Description	Stranding	Nominal Insulation Thickness	Nominal Jacket Thickness	Nominal OD	Ampacity	Wt/M'
23345	18/3 SJE00W	16/30	.031	.032	.318	10	52
23346	16/3 SJE00W	26/30	.031	.032	.348	13	65
23446	16/4 SJE00W	26/30	.031	.032	.376	10	76
23347	14/3 SJE00W	41/30	.031	.032	.391	18	81
23447	14/4 SJE00W	41/30	.031	.032	.418	15	103
23348	12/3 SJE00W	65/30	.031	.047	.460	25	122
23349	10/3 SJE00W	104/30	.031	.062	.599	30	216
22345	18/3 SE00W	16/30	.031	.062	.388	10	69
22445	18/4 SE00W	16/30	.031	.062	.407	7	78
22346	16/3 SE00W	26/30	.031	.062	.414	13	80
22446	16/4 SE00W	26/30	.031	.062	.446	10	96
22347	14/3 SE00W	41/30	.031	.082	.556	18	149
22447	14/4 SE00W	41/30	.031	.082	.591	15	180
22348	12/3 SE00W	65/30	.031	.097	.635	25	197
22448	12/4 SE00W	65/30	.031	.097	.674	20	240
22349	10/3 SE00W	104/30	.031	.095	.695	30	257
22449	10/4 SE00W	104/30	.031	.095	.735	25	313

Applications: Indoor and outdoor temporary power; wherever high visibility is needed for safety; high abrasion and chemical exposure.



Seoprene®

Royal® Crown Series Portable Cord

Royal® Brand portable cords are available in two classes. Each class provides specific performance characteristics that allows for the correct selection based on your individual application. Both can be used for both indoor and outdoor extra hard service applications. They provide the longest service life for the highest cost-effective performance.

- **600 volt extra hard service**
- **Oil-resistant jacket and insulation**
- **Abrasion resistant**
- **Flexible in cold temperatures**
- **UL listed and meets MSHA requirements**
- **Specified for many applications**



PROPERTIES	SOOW/SJOOW	STOW/SJTOW
Flexibility	Excellent	Very Good
Oil Resistance Insulation	Excellent	Poor
Oil resistance Jacket	Excellent	Very Good
Abrasion Resistance	Excellent	Very Good
Tear Resistance	Excellent	Very Good
Ozone Resistance	Excellent	Very Good
High Temp. Deformation	Good	Very Good
Low Temp. Flexibility	Good	Very Good

ROYAL SOVEREIGN™

Features: Excellent oil, ozone, tear and abrasion resistance. Safety yellow provides high visibility. Rated to 105°C.



Part Number	Description	Stranding	Nominal Insulation Thickness	Nominal Jacket Thickness	Nominal OD	Ampacity	Wt/M'
823345	18/3 SJOOW	16/30	.030	.030	.300	10	56
823445	18/4 SJOOW	16/30	.030	.030	.330	7	67
823346	16/3 SJOOW	26/30	.030	.030	.310	13	67
823446	16/4 SJOOW	26/30	.030	.030	.360	10	85
823347	14/3 SJOOW	41/30	.030	.030	.360	18	88
823447	14/4 SJOOW	41/30	.030	.030	.400	15	110
823348	12/3 SJOOW	65/30	.030	.045	.430	25	131
823448	12/4 SJOOW	65/30	.030	.045	.470	20	163
823349	10/3 SJOOW	104/30	.045	.060	.580	30	225
823449	10/4 SJOOW	104/30	.045	.060	.630	25	279
822345	18/3 SOOW	16/30	.030	.060	.360	10	74
822445	18/4 SOOW	16/30	.030	.060	.390	7	87
822346	16/3 SOOW	26/30	.030	.060	.390	13	90
822446	16/4 SOOW	26/30	.030	.060	.420	10	107
822347	14/3 SOOW	41/30	.045	.080	.520	18	161
822447	14/4 SOOW	41/30	.045	.080	.570	15	192
822348	12/3 SOOW	65/30	.045	.095	.590	25	217
822448	12/4 SOOW	65/30	.045	.095	.640	20	261
822349	10/3 SOOW	104/30	.045	.095	.650	30	281
822449	10/4 SOOW	104/30	.045	.095	.700	25	336

Applications: Portable machinery; National Electric Code Article 400 applications.



ROYAL® SOOW/SJOOW

The Royal® Crown Series® portable cords are manufactured with advanced synthetic rubber compounds that provide exceptional flexibility, and excellent resistance to flame, deformation, ozone, oils, acids, and chemicals. Meets MSHA flame test requirements.

Features: Excellent abrasion, tear, oil and ozone resistance



Part Number	Description	Stranding	Nominal Insulation Thickness	Nominal Jacket Thickness	Nominal OD	Ampacity	Wt/M'
823325	18/3 SJOOW	16/30	.030	.030	.300	10	56
823425	18/4 SJOOW	16/30	.030	.030	.330	7	67
823326	16/3 SJOOW	26/30	.030	.030	.310	13	67
823426	16/4 SJOOW	26/30	.030	.030	.360	10	85
823327	14/3 SJOOW	41/30	.030	.030	.360	18	88
823427	14/4 SJOOW	41/30	.030	.030	.400	15	110
823328	12/3 SJOOW	65/30	.030	.045	.430	25	131
823428	12/4 SJOOW	65/30	.030	.045	.470	20	163
823329	10/3 SJOOW	104/30	.045	.060	.580	30	225
823429	10/4 SJOOW	104/30	.045	.060	.630	25	279
822325	18/3 SOOW	16/30	.030	.060	.360	10	74
822425	18/4 SOOW	16/30	.030	.060	.390	7	87
822326	16/3 SOOW	26/30	.030	.060	.390	13	90
822426	16/4 SOOW	26/30	.030	.060	.420	10	107
822327	14/3 SOOW	41/30	.045	.080	.520	18	161
822427	14/4 SOOW	41/30	.045	.080	.570	15	192
822328	12/3 SOOW	65/30	.045	.095	.590	25	217
822428	12/4 SOOW	65/30	.045	.095	.640	20	261
822329	10/3 SOOW	104/30	.045	.095	.650	30	281
822429	10/4 SOOW	104/30	.045	.095	.700	25	336

Applications: Motor leads; Portable lights, battery chargers, and portable stage lights; Portable machinery; National Electric Code Article 400 applications

ROYAL® Black--Large Sizes



Part Number	Description	Stranding	Nominal Insulation Thickness	Nominal Jacket Thickness	Nominal OD	Ampacity	Wt/M'
822320	8/3 SOOW	67/.0156	0.050	0.060	0.680	40	326
822420	8/4 SOOW	67/.0156	0.050	0.060	0.740	35	410
822470	8/5 SOOW	67/.0156	0.050	0.060	0.810	28	499
822321	6/3 SOOW	184/.0117	0.050	0.060	0.770	55	450
822421	6/4 SOOW	184/.0117	0.050	0.080	0.890	45	608
822521	6/5 SOOW	184/.0117	0.050	0.080	0.970	36	737
822322	4/3 SOOW	165/.0156	0.050	0.080	0.940	70	690
822422	4/4 SOOW	165/.0156	0.050	0.080	1.030	70	877
822552	4/5 SOOW	165/.0156	0.050	0.080	1.090	48	1140
822323	2/3 SOOW	262/.0156	0.060	0.080	1.070	95	980
822423	2/4 SOOW	262/.0156	0.060	0.080	1.180	80	1251
822553	2/5 SOOW	262/.0156	0.060	0.080	1.435	64	1650

UL constructions available

Applications: Heavy machine tools; compressors; portable tools; robotics; motor controls.





ROYAL® SJTOW/STOW

Specially formulated PVC insulation and jacket materials provide good flexibility, abrasion, and tear resistance and oil resistance while allowing easy removal for connectorizing. Cabled to meet UL 62 requirements and employing non-wicking polypropylene fillers. Offered in gray or yellow.

- Features:** Excellent abrasion, ozone and chemical resistance • -20°C to 60°C
 • Flame resistant • Suited for water submersion

Part Number	Description	Stranding	Nominal Insulation Thickness	Nominal Jacket Thickness	Nominal OD	Ampacity	Wt/M'
20136	16/3 SJTOW	26/30	.031	.034	.330	13	69
20146	16/4 SJTOW	26/30	.031	.034	.360	10	81
20137	14/3 SJTOW	41/30	.031	.034	.365	18	90
20147	14/4 SJTOW	41/30	.031	.034	.400	15	107
20138	12/3 SJTOW	65/30	.031	.049	.434	25	128
20148	12/4 SJTOW	65/30	.031	.049	.475	20	162
20139	10/3 SJTOW	104/30	.046	.065	.583	30	228
20149	10/4 SJTOW	104/30	.046	.065	.640	25	285
20036	16/3 STOW	26/30	.031	.065	.390	13	90
20046	16/4 STOW	26/30	.031	.065	.420	10	103
20037	14/3 STOW	41/30	.046	.085	.530	18	155
20047	14/4 STOW	41/30	.046	.085	.575	15	185
20038	12/3 STOW	65/30	.046	.100	.600	25	206
20048	12/4 STOW	65/30	.046	.100	.650	20	254
20039	10/3 STOW	104/30	.046	.100	.660	30	273
20049	10/4 STOW	104/30	.046	.105	.715	25	345

Applications: Portable power uses, motor controls, temporary lighting, National Electric Code Article 400 uses.

Welding Cable

- Features:** Resistant to oil, chemicals, water, ozone and solvents
 • -40°C to 90°C • Ethylene-propylene rubber (EPR)
 • Excellent abrasion resistance



Part Number	Description	Stranding	Nominal Jacket Thickness	Nominal OD	Ampacity			Wt/M'
					50'	100'	150'	
10412	4 AWG-EPR	412/30	.060	.366	100	--	172	
10413	2 AWG-EPR	647/30	.060	.429	150	100	255	
10414	1 AWG-EPR	817/30	.080	.508	200	200	336	
10415	1/0 AWG-EPR	1027/30	.080	.555	250	250	411	
10416	2/0 AWG-EPR	1089/30	.080	.598	300	300	504	
10417	3/0 AWG-EPR	1650/30	.080	.673	400	400	626	
10418	4/0 AWG-EPR	2065/30	.080	.716	500	500	779	

Applications: Electrode to welder unit, flexible lead cable.



Irrigation Cable

- Features:** • Polypropylene insulation provides superior coloring for easy identification
 • Abrasion-resistant PVC Jacket • UL—Underground Golf Course Sprinkler System Cable



Part Number	Description	Stranding	Nominal Insulation Thickness	Nominal Jacket Thickness	Nominal OD	Wt/M'
54531	18/2	Solid	.016	.026	.196	22
54537	18/3	Solid	.016	.026	.208	28
54532	18/4	Solid	.016	.026	.226	35
54538	18/5	Solid	.016	.026	.246	42
54533	18/6	Solid	.016	.026	.268	49
54539	18/7	Solid	.016	.026	.268	58
54534	18/8	Solid	.016	.026	.290	65
54541	18/9	Solid	.016	.026	.312	72
54535	18/10	Solid	.016	.026	.340	80
54536	18/12	Solid	.016	.026	.352	91

Applications: Underground sprinkler systems

Pump Cable

- Features:** • Excellent abrasion resistance and flexibility and mechanical strength • Fine stranding • No-fade colors



Part Number	Description	Stranding	Nominal Insulation Thickness	Nominal Jacket Thickness	Nominal OD	Wt/M'
44207	14/2	41/30	.031	.030	.196 X .332	45
44307	14/3	41/30	.031	.030	.196 X .468	66
44208	12/2	65/30	.031	.030	.215 X .369	63
44308	12/3	65/30	.031	.030	.215 X .526	93
44209	10/2	104/30	.031	.030	.239 X .418	92
44309	10/3	104/30	.031	.030	.239 X .597	137
44310	8/3	7 X 24/30	.061	.040	.365 X .935	251
44311	6/3	7 X 37/30	.061	.040	.404 X 1.053	363
44312	4/3	7 X 60/30	.061	.040	.459 X 1.227	537
44313	2/3	19 X 35/30	.061	.050	.554 X 1.447	842

Applications: Use in well casing to supply power to the submersible pump

Grounding Kits



Grounding Rods



Part Number	Description	Pkg Wt	Std Pkg
93101-35-00	1/2" x 8'	55	10
93250-00-00	1/2" Clamp	1.5	10 Min.
93104-35-00	5/8" x 8'	71	10
93251-00-00	5/8" Clamp	1.5	10 Min.

Copper Plated High Carbon Steel, Sold in Bundles of 10
 Color Code: None (00)

Keep your irrigation equipment safe from lightning strikes!

Part Number	Description	Pkg Wt	Std Pkg
93110-35-00	Grounding Kit 1, 5/8" x 8' Grnd Rod; FLIG Flint Igniter; Two Ultrafill Earth Enhancing Mats; 8' Strap, 4" x .064" Mats; 8' Strap, 4" x .064" Unishot Connector	120	1 kit
93115-35-00	Grounding Kit 2, 5/8" x 8' Grnd Rod; FLIG Flint Igniter; Four Ultrafill Earth Enhancing Mats; Two 8' Straps, 4" x .064" Unishot Connector	230	1 kit

Bare Copper



Part Number	Des	Wt/ 1000'	Std Pkg
54590-XX-00	18 Sol	6	1 Reel
54600-XX-00	16 Sol	8	1 Reel
54601-XX-00	14 Sol	13	1 Reel
54602-XX-00	12 Sol	20	1 Reel
54603-XX-00	10 Sol	32	1 Reel
54604-XX-00	8 Sol	52	1 Reel
54685-XX-00	6 Sol	81	1 Reel
54606-XX-00	4 Str	139	1 Reel
54607-XX-00	2 Str	210	1 Reel

XX: Insert Appropriate Put-Up Code - Put-Up = 1000' (06), 500' (05), - Color Code: None (00)



Thermostat Wire

Features: • Polypropylene insulation provides superior coloring for easy identification • Abrasion resistant PVC Jacket



Part Number	Description	Stranding	Nominal Insulation Thickness	Nominal Jacket Thickness	Nominal OD	Wt/M'
55302	18/2 UL, CL2, Sunlight Resistant	Solid	.006	.014	.132	13
55303	18/3 UL, CL2, Sunlight Resistant	Solid	.006	.014	.140	17
55304	18/4 UL, CL2, Sunlight Resistant	Solid	.006	.014	.154	23
55305	18/5 UL, CL2, Sunlight Resistant	Solid	.006	.014	.170	29
55306	18/6 UL, CL2, Sunlight Resistant	Solid	.006	.014	.186	34
55307	18/7 UL, CL2, Sunlight Resistant	Solid	.006	.014	.186	40
55308	18/8 UL, CL2, Sunlight Resistant	Solid	.006	.015	.202	45
55309	18/9 UL, CL2, Sunlight Resistant	Solid	.006	.015	.218	52
55310	18/10 UL, CL2, Sunlight Resistant	Solid	.006	.015	.238	58
55312	18/12 UL, CL2, Sunlight Resistant	Solid	.006	.015	.245	69

Applications: Remote-controlling, signaling, and power limited circuits, NEC Article 725 and 800 applications.

Fire Alarm Cable

18 AWG SOL Fire Alarm Cable



Part Number	No of Cond	Wt/ 1000'	Std Pkg
98820-05-04	2	18	1 x 500
98820-06-04	2	16	1 x 1000
98804-06-04	4	27	1 x 1000
98806-06-04	6	40	1 x 1000

UL Listed Type FPLR, CUL Listed Type CMG/FT4, NEC Article 760, Put-up = 1000' (06), 500' (05), Color Code: Red (04)

18 AWG SOL Shielded Fire Alarm Cable



Part Number	No of Cond	Wt/ 1000'	Std Pkg
98300-06-04	2	20	1 x 1000
98831-06-04	4	30	1 x 1000

ETL Type FPLR, CETL Type CMG/FT4, NEC Article 760, Put-up = 1000' (06), Color Code: Red (04)

18 AWG SOL Plenum Fire Alarm Cable



Part Number	No of Cond	Wt/ 1000'	Std Pkg
81802-06-04	2	18	1 x 1000
81804-05-04	4	31	1 x 500
81804-06-04	4	28	1 x 1000
81806-06-04	6	43	1 x 1000

ETL Type FPLP, CETL Type CMG/FT6, NEC Article 760, Put-up = 1000' (06), 500' (05), Color Code: Red (04)

18 AWG SOL Plenum Shielded Fire Alarm Cable



Part Number	No of Cond	Wt/ 1000'	Std Pkg
85802-05-04	2	23	1 x 500
85802-06-04	2	20	1 x 1000
85804-05-04	4	36	1 x 500
85804-06-04	4	33	1 x 1000

ETL Type FPLP, CETL Type CMP/FT6, NEC Article 760, Put-up = 1000' (06), 500' (05), Color Code: Red (04)



Technical Reference

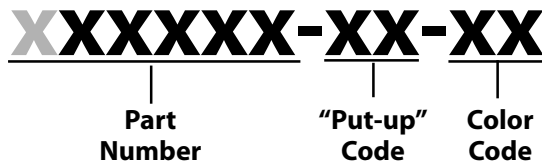
Industry Organizations and Standards

- AAR** – Association of American Railroads
- ABS** – American Bureau of Shipping
- AEIC** – Association of Edison Illuminating Cos.
- ASTM** – American Society for Testing Materials
- CAA** – Civil Aeronautics Administration
- CSA** – Canadian Standards Association
- FAA** – Federal Aviation Administration
- IAEI** – International Association of Electrical Inspectors
- IEEE** – Institution of Electrical and Electronic Engineers
- ICEA** – Insulated Cable Engineers Association
- IMSA** – International Municipal Signal Association
- ISO** – International Organization for Standards
- MESA** – Mine Environmental Safety Act
- NEC** – National Electric Code*
- NEMA** – National Electrical Manufacturers Association
- NMBTA** – National Machine Tool Builders Association
- UL** – Underwriters Laboratories Inc.
- USCG** – United States Coast Guard

UL Standards

- UL 4** – Armored Cable
- UL 44** – Rubber Insulated Wires and Cables
- UL 62** – Flexible Cord and Fixture Wire
- UL 83** – Thermoplastic Insulated Wires and Cables
- UL 133** – Wires and Cables with Varnished Cloth Insulation
- UL 493** – Thermoplastic Insulated Underground Feeder and Branch Circuit Cables
- UL 719** – Nonmetallic Sheathed Cables
- UL 814** – Glass Tube, Sign and Ignition Cables
- UL 817** – Cord Sets and Power Supply Cords
- UL 854** – Service Entrance Cables
- UL 1063** – Machine Tool Wires and Cables
- UL 1072** – Medium Voltage Power Cables
- UL 1277** – Electrical Power and Control Tray Cables with Optional Fiber Members
- UL 1426** – Electric Cable for Boats
- UL 1569** – Metal Clad Cables
- UL 1581** – Reference Standard for Electrical Wires, Cables and Flexible Cords

Coleman Cable Part Legend



Put-ups	Code
Reel, 250 ft	04
Reel, 500 ft	05
Reel, 1,000 ft	06
Reel-in-box, 1,000 ft	16
RabbitPull™ Pull-Box, 500 ft	45
RabbitPull™ Pull-Box, 1,000 ft	46
SignaCoil™ 500 ft	55
SignaCoil™ 1,000 ft	56

Colors	Code
White	01
Yellow	02
Orange	03
Red	04
Green	05
Blue	06
Brown	07
Black	08
Gray	09
Pink	11
Purple	13
Clear	18
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10-100-11	0 85407 41011 9	54	16-1-17	0 85407 31617 6	53	42-2L	0 85407 51422 0	50
10-100-12	0 85407 41012 6	54	16-100-11	0 85407 41611 1	54	42-4	0 85407 50424 5	50
10-100-14	0 85407 41014 0	54	16-100-12	0 85407 41612 8	54	42-4L	0 85407 51424 4	50
10-100-15	0 85407 41015 7	54	16-100-14	0 85407 41614 2	54	42-4LR	0 29892 01715 6	50
10-100-16	0 85407 41016 4	54	16-100-15	0 85407 41615 9	54	42-6L	0 85407 51426 8	51
10-100-17	0 85407 41017 1	54	16-100-16	0 85407 41616 6	54	48-4	0 85407 50484 9	50
10-4	0 85407 50104 6	50	16-100-17	0 85407 41617 3	54	48-4L	0 85407 51484 8	50
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12-1-11	0 85407 31211 6	53	18-1-12	0 85407 31812 5	53	50C-10	0 85407 30950 5	47
12-1-12	0 85407 31212 3	53	18-1-14	0 85407 31814 9	53	51-6L	0 85407 51516 6	51
12-1-14	0 85407 31214 7	53	18-1-15	0 85407 31815 6	53	54-4L	0 85407 51544 9	50
12-1-15	0 85407 31215 4	53	18-1-16	0 85407 31816 3	53	54-4LR	0 85407 57544 3	50
12-1-16	0 85407 31216 1	53	18-1-17	0 85407 31817 0	53	58-4	0 85407 50584 6	50
12-1-17	0 85407 31217 8	53	18-100-11	0 85407 41811 5	54	58-4R	0 85407 59584 7	50
12-100-11	0 85407 41211 3	54	18-100-12	0 85407 41812 2	54	58-62L	0 85407 55862 0	51
12-100-12	0 85407 41212 0	54	18-100-14	0 85407 41814 6	54	65-2L	0 85407 51652 1	50
12-100-14	0 85407 41214 4	54	18-100-15	0 85407 41815 3	54	65-4L	0 85407 51654 5	50
12-100-15	0 85407 41215 1	54	18-100-16	0 85407 41816 0	54	72-4L	0 85407 51724 5	50
12-100-16	0 85407 41216 8	54	18-100-17	0 85407 41817 7	54	75C-2	0 85407 20075 8	47
12-100-17	0 85407 41217 5	54	19-4	0 85407 50194 7	50	903-1	0 85407 30903 1	48
13-4	0 85407 50134 3	50	19-4R	0 85407 59194 8	50	903-10	0 85407 30910 9	48
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14-1-15	0 85407 31415 8	53	25-4L	0 85407 51254 7	50	905-1	0 85407 30905 5	48
14-1-16	0 85407 31416 5	53	25-4LR	0 85407 57254 1	50	905-100	0 85407 31905 4	48
14-1-17	0 85407 31417 2	53	25-6L	0 85407 51256 1	51	905-7	0 85407 30907 9	48
14-100-11	0 85407 41411 7	54	27-4R	0 85407 59274 7	50	906-1	0 85407 30906 2	48
14-100-12	0 85407 41412 4	54	300M	0 29892 33308 9	48	906-50	0 85407 39065 7	48
14-100-14	0 85407 41414 8	54	318L	0 29892 33309 6	48	909-1	0 85407 30909 3	48
14-100-15	0 85407 41415 5	54	31-4	0 85407 50314 9	50	921	0 85407 30921 5	49
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978	0 85407 20978 2	48	01950	0 29892 02982 1	17	02548-88-77	0 29892 00324 1	9
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980	0 29892 00980 9	48	01970	0 29892 02984 5	17	02548-88-P1	0 29892 02572 4	9
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ST40-4	0 85407 53404 4	51
ST45-4	0 85407 53454 9	51
ST45-4R	0 85407 59454 3	51
ST55-4	0 85407 53554 6	51
ST65-4	0 85407 53654 3	51
ST65-4R	0 85407 59654 7	51
ST78-4	0 85407 53784 7	51

Part No.	UPC Code	Page No.
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Part No.	UPC Code	Page No.
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**COLEMAN CABLE OFFERS A COMPLETE LINE OF
ELECTRICAL AND ELECTRONIC PRODUCTS FOR
HOME, WORKSHOP AND CONSTRUCTION
WORKSITE APPLICATIONS.**

Coleman Cable is a leading manufacturer and innovator of wire and cable products. Our product offerings are extensive and include: portable cord, machine tool wire, extension cords, thermostat wire, voice/data, coaxial, fire alarm, electronic as well as custom-engineered cable. Our Signal[®], Baron[®], Seoprene[®], Polar/Solar[®] and Road Power[®] brands are universally recognized for their market leadership positions.

Our relentless commitment to product quality is complemented by a technical expertise that's coupled with extensive manufacturing capabilities. We are devoted to providing unmatched customer service and offer programs designed to provide our customers exceptional value in today's competitive market place.

Extensive product offerings, technical expertise, a dedicated effort for customer service and an ongoing commitment to provide product innovation are some of the reasons for Coleman Cable's leadership in the wire and cable industry.



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Pro Line

Professional Construction Products



Pro Line

Professional Construction Products

Coleman Cable (CCI) has supported the professional contractor with a variety of electrical and lighting products, in addition to its diverse offering of electrical and electronics wire and cable, for over 40 years.

The Pro Line Brochure is an easy reference guide to assist the professional installer in finding and selecting tools for the trade, including extension cords, temporary power, temporary lighting, task lights, and safety products. CCI's breadth in each of these categories makes it the perfect partner for your jobsite electrical and lighting needs.



- Established Market Presence
- Diverse Product Line
- Leading Brands
- World Class Manufacturing
- Best in Class Logistics
- State-Of-The-Art-Processes

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Pro Line

Professional Construction Products

Premium Outdoor Extension Cords

Premium TPE Polar/Solar® cords, made with Coleman's exclusive T*Prene® insulation, stay flexible under the most extreme temperatures. They are more abrasion resistant, and provide outstanding oil and chemical resistance than standard vinyl extension cords. The 600 volt version meets OSHA extra hard usage requirements.

Yellow Jacket® brand extension cords, constructed with a superior, proprietary PVC compound, also provide rugged jobsite and factory performance and exceptional flexibility at all temperatures. Yellow Jacket power cords feature an exclusive, high-gloss yellow finish.

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
Polar/Solar® Extension Standard Cords									
01487	14/3	SJE0W	Yellow	25	Sleeve	15A	12	27	1.14
01488	14/3	SJE0W	Yellow	50	Sleeve	15A	6	26	1.14
01489	14/3	SJE0W	Yellow	100	Sleeve	13A	6	49	1.14
01687	12/3	SJE0W	Yellow	25	Sleeve	15A	12	39	1.57
01688	12/3	SJE0W	Yellow	50	Sleeve	15A	6	38	1.41
01689	12/3	SJE0W	Yellow	100	Box	15A	4	48	2.02
01788*	10/3	SJE0W	Yellow	50	Box	15A	4	42	2.02
01789*	10/3	SJE0W	Yellow	100	Box	15A	3	63	1.25
Polar/Solar® Three-Way Power Blocks									
03482	12/3	SE0W	Yellow	2	Sleeve	15A	12	10	.64
03487	12/3	SJE0W	Yellow	25	Sleeve	15A	12	42	1.41
03488	12/3	SJE0W	Yellow	50	Sleeve	15A	6	39	1.41
03489	12/3	SJE0W	Yellow	100	Box	15A	4	49	2.02
03588*	10/3	SJE0W	Yellow	50	Box	15A	4	43	2.02
03589*	10/3	SJE0W	Yellow	100	Box	15A	3	62	1.25
Yellow Jacket® Extension Cords									
2886	14/3	SJTW	Yellow	25	Sleeve	15A	12	29	0.82
2887	14/3	SJTW	Yellow	50	Sleeve	15A	6	29	0.93
2888	14/3	SJTW	Yellow	100	Sleeve	13A	3	26	0.79
2883	12/3	SJTW	Yellow	25	Sleeve	15A	6	23	0.64
2884	12/3	SJTW	Yellow	50	Sleeve	15A	4	31	0.75
2885	12/3	SJTW	Yellow	100	Box	15A	2	27	0.79
2805	10/3	SJTW	Yellow	50	Box	15A*	2	21	1.02
2806	10/3	SJTW	Yellow	100	Box	15A*	2	42	2.35
Yellow Jacket® Power Blocks									
2882	12/3	STW	Yellow	2	Sleeve	15A	10	11	0.48
2827	12/3	SJTW	Yellow	50	Box	15A	4	27	0.79
2820	12/3	SJTW	Yellow	100	Box	15A	2	26	1.02



01688



2886

*Not CSA Listed



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Outdoor Extension Cords



02589



04112

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
Three Conductor									
02407	14/3	SJTW	Red	25	Sleeve	15A	12	35	.90
02408	14/3	SJTW	Red	50	Sleeve	15A	6	29	.82
02409	14/3	SJTW	Red	100	Sleeve	13A	6	60	1.41
Three Conductor – Lighted End									
02587	12/3	SJTW	Yellow	25	Sleeve	15A	12	40	1.21
02588~	12/3	SJTW	Yellow	50	Sleeve	15A	6	40	1.41
02589~	12/3	SJTW	Yellow	100	Sleeve	15A	4	52	1.41
02687~	10/3	SJTW	Yellow	25	Sleeve	15A	6	36	1.14
02688~	10/3	SJTW	Yellow	50	Box	15A	4	48	1.00
02689~	10/3	SJTW	Yellow	100	Box	15A	3	70	1.25

~Made in U.S.A.



Outdoor Extension Cords



04187



09058/09059

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
Tri-Source® Three-Way Power Block									
04112	12/3	STW	Yellow	2	Sleeve	15A	12	11	.40
Tri-Source® Three-Way Power Block with Lighted End									
04187	12/3	SJTW	Yellow	25	Sleeve	15A	12	45	1.34
04188	12/3	SJTW	Yellow	50	Sleeve	15A	6	42	1.14
04189	12/3	SJTW	Yellow	100	Sleeve	15A	4	53	1.28
04388	10/3	SJTW	Yellow	50	Box	15A	4	48	1.98
04389	10/3	SJTW	Yellow	100	Box	15A	3	72	1.98
SJTW Twist-To-Lock Extension Cords (NEMA L5-20P to NEMA L5-20R)									
09208	12/3	SJTW	Yellow	50	Box	20A	6	41	1.94
09209	12/3	SJTW	Yellow	100	Box	15A	4	52	1.77
09058	10/3	SJTOW	Yellow	50	Disc Wrap	20A	2	22	1.66
09059	10/3	SJTOW	Yellow	100	Disc Wrap	20A	2	45	2.33
STW Twist-To-Lock Extension Cords (NEMA L5-20P to NEMA L5-20R) - 600 Volt Rated									
09028	12/3	STW	Yellow	50	Box	20A	4	40	1.93
09029	12/3	STW	Yellow	100	Box	15A	3	60	2.6





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Professional Construction Products

Stripes™ & Cool Colors™ Outdoor Extension Cords

Display America's colors on the jobsite with the rugged striped contractor grade extension cords, dedicated to hard working contractors and recognizing the sacrifices of our wounded veterans. Highly visible red, with patriotic stripe colors. Pro-Power contractor grade extension cords all have molded water resistant connectors with reinforced blades that make them suitable for all weather outdoor use.

Increase safety awareness and help to prevent jobsite loss or theft with STRIPES™ and Cool Colors™ outdoor extension cords. Each extension cord features a dominant, high visibility color and Stripes cords add a colored stripe that runs the length of the cord. All Stripes and Cool Colors extension cords have a power indicator light in the receptacle to show that the power is on. Added features include heavy duty strain relief and reinforced blades and ground pin.



02549-USA1



02578-88-OH

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
Stripes™ Outdoor Extension Cords									
02548-USA1	12/3	SJTW	Red, White & Blue	50	Sleeve	15A	8	53	1.41
02549-USA1	12/3	SJTW	Red, White & Blue	100	Sleeve	15A	4	52	1.41
02548-00-41	12/3	SJTW	Red & White	50	Sleeve	15A	8	53	1.41
02549-00-41	12/3	SJTW	Red & White	100	Sleeve	15A	4	52	1.41
02548-00-XX	12/3	SJTW	See Colors Below	50	Sleeve	15A	8	53	1.41
02549-00-XX	12/3	SJTW	See Colors Below	100	Sleeve	15A	4	52	1.41
Cool Colors™ Outdoor Extension Cords									
02577-00-XX	12/3	SJTW	See Colors Below	25	Sleeve	15A	12	40	1.41
02578-00-XX	12/3	SJTW	See Colors Below	50	Sleeve	15A	8	53	1.41
02579-00-XX	12/3	SJTW	See Colors Below	100	Sleeve	15A	4	52	1.41

Stripe Colors (XX): 54=Lime Green/Red; 22=Yellow/Purple;
 52=Dark Green/Yellow; 64=Blue/Red;
 41=Red/White; 77=Pink/Lime Green;
 3V=Orange/Blue
 Cool Colors (XX): OA=Pink; OH=Blue; OX=Green



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Custom Cords

- FEATURES:**
- Heavy-Duty Strain Relief
 - Molded Connectors
 - Reinforced Blades & Pins

- BENEFITS:**
- Best Delivery in the Industry – CCI manufactures all custom cords in Illinois, USA. Domestic Production means faster turnaround.
 - Safety – Create your own highly visible colors to help prevent the cord from being accidentally severed and to reduce tripping hazards.
 - Loss (Theft) Protection – Custom Cords help prevent inadvertent (or intentional) removal of cords from the job-site.
 - Advertising Tool – Make your cords an advertising tool with the use of custom colors and legends.

- OPTIONS:**
- Polar/Solar® Jacket Materials (SJEOW/SEOW)
CCI's Polar/Solar extension cords are lightweight, extremely abrasion resistant and very flexible at all temperatures down to -67° F.
 - Vinyl Jacket Materials (SJTW/STW).
 - 14-10 Gauge Cord and 6/3 & 8/1 Temp Power Cords. 10,000' minimum run quantity per gauge.
 - Custom Colors: Choose from one of Coleman Cable's custom colors or we can customize a color to meet your needs.
 - Custom Extruded Striping: Pick a unique cord color and stripe color combination. The stripe will not wear off over time like a painted stripe. Numerous stock colors mean that you can choose from hundreds of different STRIPES™ cord combinations. (Additional charges apply.)
 - Multiple Outlet Options: NEMA 5-15, NEMA L5-20, Tri-Source™, California-Style 50A, etc.
 - Custom Legend: Your custom legend can be ink printed on the jacket in black or white ink, or it can be indented into the jacket (no color). The legend repeats every 12"-18" down the entire length of the cords.
 - UL & CSA approval (excluding 6/3 & 8/1 cords).

Available Cord Colors

The following color chart is FOR REFERENCE ONLY. Colors shown MAY NOT BE AN EXACT MATCH to the final cord color.

B Dark Red	E Green	1 White
6 Navy Blue	Q Plum	F Pale Blue
M Dark Brown	4 Red	T Tan
9 Dark Gray	2 Yellow	A Pink
G Teal	U Neon Yellow	R Mauve
P Purple	5 Dark Green	N Gray
D Olive Green	7 Brown	J Light Blue
K Midnight Blue	3 Orange	8 Black
L Cream	S Light Gray	H Sky Blue
V Bright Blue	W Neon Pink	C Burgundy
X Neon Green	Y Neon Orange	

Cord Set Types

NEMA 5-15		Most Applications
NEMA 5-15		10/3 or 600V
NEMA L5-20		20A Twist Lock
NEMA 5-15		Tri-Source®
CAL-STYLE 50A		6/3 & 8/1 only



Pro Line

Professional Construction Products

Cord Adapters

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
5-Way Adapter									
997362	—	—	Yellow	—	Bulk	—	5	3.5	.23
15A "Y" Adapter									
09018	12/3	STW	Yellow	2	Sleeve	15A	12	20	1.96
15A "W" Adapter									
09019	12/3	STW	Yellow	2	Sleeve	15A	12	25	1.09
Adapters									
Standard 15A U-Ground (NEMA 5-15P) Twist-To-Lock 20A receptacle (NEMA L5-20R)									
09020	12/3	STW	Yellow	9 inches	Sleeve	-	15	5	.29
Twist-To-Lock 20A plug (NEMA L5-20P) to Standard 15A U Ground Connector (NEMA 5-15R)									
09021	12/3	STW	Yellow	9 inches	Sleeve	-	15	6	.24
"Y" Adapter									
Twist-To-Lock 20A plug (NEMA L5-20P) two Twist-To-Lock 20A receptacle (NEMA L5-20R)									
09022	12/3	STW	Yellow	20 inches	Sleeve	20A	10	14	1.07
"W" Adapter									
Twist-To-Lock 20A plug (NEMA L5-20P) three Twist-To-Lock 20A receptacle (NEMA L5-20R)									
09023	12/3	STW	Yellow	20 inches	Sleeve	20A	10	16	1.04
Tri-Source Adapter									
Twist-To-Lock 20A plug (NEMA L5-20P) Standard 15A Ground Tri-Source receptacle (NEMA 5-15R)									
09084	12/3	STW	Yellow	24 inches	Sleeve	20A	6	15	.54



See page 16 for replacement plugs and connectors.

Commercial Duty Retractable Reels

Part Number	Gauge	Length	Jacket	Accessory	Housing Material	L/W/H	Volts	Amps	Std Pack	Ship Wgt
Medium Duty										
04820	12/3	50ft	SJTW	Lighted Clear Triple Tap	Plastic	18.5"x9"x19"	125V	13A	1	21 lbs



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X-Treme Box™

The X-Treme Box™ is a portable, flexible, rugged and reliable power distribution center for all jobsite conditions. It is an economical solution for electrical hook up on any worksite. For expandability, run up to four boxes at 400ft. in series before significant voltage drop occurs. A heavy-gauge carbon-steel case with corrosion resistant finish and a steel-reinforced sled base offer excellent durability. All boxes feature seven overload protected outlets, with GFCI, open neutral and over-voltage protection on all 20A outlets. All are Rainproof NEMA 3R enclosures. New roll cage versions allow for easy stackability.



01970



01972



01980

Part Number	Portable Power Distribution Center	Power Inlet	50A Power Outlets	30A Power Outlets	20A Power Outlets	Overload, Over-Voltage & Open-Neutral Protection	Master Pack	Master Wt	Master Pack Cube
X-Treme Box™									
01960	Rainproof NEMA 3R	50A 125/250V Twist-to-Lock w/Cover	125/250V Twist-to-Lock w/Cover	250V L6-30R Twist-to-Lock w/Cover	(6)20A 125V L5-20R Twist-to-Locks w/Cover	50A-None 30A Circuit Breaker Protected 20A GFCI & Circuit Breaker Protected	1	34	2.54
01962	<i>Roll Cage Model (Electrical specs are identical to part no. 01960)</i>								
01970	Rainproof NEMA 3R	50A 125/250V Twist-to-Lock w/Cover	125/250V Twist-to-Lock w/Cover	250V L6-30R Twist-to-Lock w/Cover	(6)20A 125V 5-20R Straight w/Cover	50A-None 30A Circuit Breaker Protected 20A GFCI & Circuit Breaker Protected	1	34	2.54
01972	<i>Roll Cage Model (Electrical specs are identical to part no. 01970)</i>								
Mini X-Treme Box™									
01980	NEMA Type 1	30A NEMA L14-30	—	—	8 x NEMA 5 20R (4 duplex outlets)	20A GFCI & Circuit Breaker Protected	1	11.3	.98





Pro Line

Professional Construction Products

Power Distribution Extension Cords

Rugged temporary power cords for use with the X-Treme Box™ to handle 50A 3-Pole/4-Wire 125/250v AC.

Part Number	50A 3-Pole/4-Wire 125/250V Plugs/Connectors/Adapters	Master Pack	Master Wt	Master Pack Cube
X-Treme Box™ Extension Cords				
01918	50ft SEOW w/ California-Style Twist-Lock Ends	1	27	.75
01919	100ft SEOW w/ California-Style Twist-Lock Ends	1	54	1.3
01845	10ft SEOW w/California Style TL Plug and NEMA L14-30 Connector	1	16.64	1.04
Appliance Extension Cords				
01854	10ft Dryer Outlet or 30A Straight Generator Outlet	4	15.56	.93
01864	10ft Range Outlet or 50A Straight Generator Outlet	4	15.96	1.51
1493	10/4 STW Yellow Jacket® L14-30P L14-30R 25ft Generator*	2	16.46	1.04



01919

*UL and cUL Listed



Generator Power Cords and Adapters

Part Number	Description	Length (Ft)	Package Type	Std Pack	Master Wt	Master Pack Cube	NEMA Plug	NEMA Connector
01915	10/3 STOW "Y" L5-30P to (2) Lighted 5-20R	3	Box	4	11	0.777	L5-30P	(2) 5-20R
01924	12/4 STOW "Y" L14-20P to 12/3 (2) Lighted 5-20R	3	Box	4	12	0.777	L14-20P	(2) 5-20R
01934	10/4 STOW "Y" L14-30P to 10/3 (2) Lighted 5-20R	3	Box	4	11	0.777	L14-30P	(2) 5-20R
02618	10/3 SJTOW 5-20P to Lighted 5-20R	50	Disk	2	22	0.848	5-20P	5-20R
02619	10/3 SJTOW 5-20P to Lighted 5-20R	100	Disk	2	45	1.2	5-20P	5-20R



01915



01924

Flat Convention Center Extension Cord

Part Number	Length (Ft)	Gauge	No of Conds.	Stranding	NEMA Plug & Connector
03048	15	14	3	41/30	5-15 P&R
03052	25	14	3	41/30	5-15 P&R
03056	50	14	3	41/30	5-15 P&R
03148	15	12	3	65/30	5-15 P&R
03152	25	12	3	65/30	5-15 P&R
03156	50	12	3	65/30	5-15 P&R



03052

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.





GFCI Quad Boxes

High impact resin with a slant-roof design to prevent water entry. Receptacles can accommodate large plugs. All models are Manual Reset GFCIs.



02821



14880 003-3

Part Number	Length (Ft)	Description	AMP/Volt/Watt/Rating	Relay Capacity	Master Pack
Duplex Boxes					
02822	6'	12/3 SJTW GFCI w test/reset buttons	15A 120V/1800W-UL Listed	20A	6
Quad Boxes					
02816	6'	12/3 SJTW GFCI w handle, test/reset buttons	15A 120V/1800W-UL Listed	25A	2
02821	6'	12/3 SJTW GFCI w handle, test/reset buttons	20A 120V/1800W-UL Listed	25A	2
Right Angle GFCI Protected Quad Boxes					
14880 003-3	6'	12/3 SJTW Right Angle GFCI w circuit breaker	15A 120V/1800W-UL and CSA Listed	15A	3



User Attachable GFCIs & Accessories



14880 002-6



25000 016-6



14650 013-6



30090 012-6

Part Number	Description	Volts/Amps	Gauge	Pack
14880 002-6	Right Angle Manual Reset GFCI	15A/120V	18-12 AWG	6
25000 016-6	Inline Manual Reset GFCI	20A/120V	18-12 AWG	6
30040 008-6	Inline Manual Reset GFCI	20A/240V	16-10 AWG	6
14650 013-6	Right Angle GFCI Adapter	15A/120V	NEMA 5-15 P&R	6
30090 012-6	Right Angle GFCI Outlet/Circuit Tester	—	NEMA 5-15P	6





Pro Line

Professional Construction Products

Right Angle GFCI Cordsets

Right angle models offer a variety of receptacles and cord lengths that are perfect where space is at a premium. All models are Manual Reset GFCIs and feature 15 Amp Capacity Relays.

Part Number	Length (Ft)	Cord Type	NEMA Plug & Connector	Master Pack
14880 023-6	2	12/3 SJTW-A	NEMA 5-15 P/Tri-Source	6
14880 226-6*	2	12/3 SJTW-A	NEMA 5-15 P/Tri-Source	6
14880 118-2	25	12/3 SJTW-A	NEMA 5-15 P/Tri-Source	2
14880 119-1	50	12/3 SJTW-A	NEMA 5-15 P/Tri-Source	1
14880 120-1	100	12/3 SJTW-A	NEMA 5-15 P/Tri-Source	1
14880 228-6	25	12/3 SJEOW	NEMA 5-15 P/Tri-Source	6
14880 229-6	50	12/3 SJEOW	NEMA 5-15 P/Tri-Source	6
14880 230-4	100	12/3 SJEOW	NEMA 5-15 P/Tri-Source	4
14880 001-6	9	14/3 SJTW-A	NEMA 5-15 P&R	6



14880 228-6

*Lighted end



Inline GFCI Cordsets

All models are Manual Reset GFCIs. Custom cordsets and Automatic Reset versions are available. Consult Factory.

Part Number	Length (Ft)	Cord Type	NEMA Plug & Connector	Relay Capacity	Master Pack
26020 008-6	2	12/3 SJTW-A	NEMA 5-15 P/Tri-Source	20A	6
26020 146-6*	2	12/3 SJTW-A	NEMA 5-15 P/Tri-Source	20A	6
26020 147-2	25	12/3 SJTW-A	NEMA 5-15 P/Tri-Source	20A	2
26020 148-1	50	12/3 SJTW-A	NEMA 5-15 P/Tri-Source	20A	1
30040 008-6	2.5	12/3 SEOW	NEMA 5-15 P/Listed Tri-Source	30A	6
25080 011-6	2	12/3 SJTW-A	NEMA 5-20 P&R	20A	6
26000 011-6	2	12/3 SJTW-A	NEMA 6-20 P&R	20A	6
25080 136-6	2	12/3 SJTW-A	NEMA L5-20 P&R	20A	6
44700 004-3	2	10/3 SJTW-A	NEMA L5-30 P&R	30A	3
44720 012-3	3	10/3 SJTW-A	NEMA L6-30 P&R	30A	3
26020 002-6	2	14/3 SJTW-A	NEMA L5-15 P&R	20A	6
26020 011-6	2	12/3 SJTW-A	NEMA L5-15 P&R	20A	6



26020 008-6



44700 004-3

26000 011-6

*Lighted end



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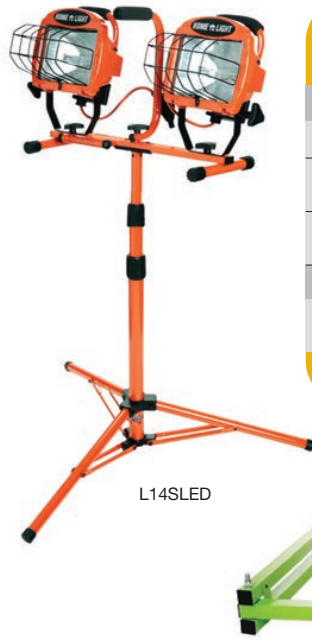


EcoZone™ LED Worklights



Part Number	Description	Cord Length (ft)	Cord Gauge	Initial Lumens
L1320	24 High-Intensity LED Rechargeable Worklight	–	–	779
L1324	40 High-Intensity LED Worklight	5	18/3	1244
L1323	24 High-Intensity LED Portable Worklight	5	18/3	779
L1322	Twin Head 24 LED Portable Worklight	5	18/3	2 x 779
L1681	High Output, LED Portable Work Light	6	18/3	1474
L1682	Twin Head High Output, LED Portable Work Light	6	18/3	2 x 1474
L1325	High Output, LED Portable Work Light	6	18/3	3149
L1326	Twin Head High Output, LED Portable Work Light	6	18/3	2 x 3149

Power Light™ Halogen Worklights



Part Number	Description	Bulbs	Cord Gauge	Cord Length	Lumens	Multiple
Contractor Series (Orange)						
L33	"S" Sled Base	1 x 500W	18/3	3'	8,000	6
L10SLED	2-In-1 Single Tripod (50" max) & Sled Base	1 x 500W	18/3	4'	8,000	2
L14SLED	2-In-1 Twin Tripod (68" max) & Sled Base	2 x 500W	18/3	5'	20,000	2
Pro Plus Series (Green)						
L41HD	Wall Mounted Arm / Dock Light	2 x 500W (1 spare)	18/3	10'	8,000	1

For replacement bulbs, please call customer service.





Pro Line Professional Construction Products

The Designer's Edge® Task Lights

Part Number	Wattage	Description	Duty	Type	Bulbs	Cord Gauge & Length		Outlets	Guard	Lumens	Multi
The Designer's Edge® LED Work Lights											
L1924	60W eq.	Rechargeable Trouble Light	Standard	LED	36 LED	n/a	n/a	n/a	Metal	90	4
L1925	120W eq.	Rechargeable Trouble Light	Standard	LED	72 LED	n/a	n/a	n/a	Metal	180	4
L1922	60W eq.	Trouble Light	Hard Use	LED	36 LED	16/3	6'	1 x NEMA 5-15R	Metal	90	4
L1923	120W eq.	Trouble Light	Hard Use	LED	72 LED	16/3	6'	1 x NEMA 5-15R	Metal	180	4
L1926	120W eq.	Trouble Light	Hard Use	LED	240 LED	18/2	6'		Plastic	540	4
The Designer's Edge® Fluorescent Work Lights											
L1920	13W (60W eq.)	Trouble Light	Hard Use	CFL	1 x 13W	16/3	6'	1 x NEMA 5-15R	Metal	825	4
L1921	26W (120W eq.)	Trouble Light	Hard Use	CFL	2 x 13W	16/3	6'	1 x NEMA 5-15R	Metal	1650	4



LED Task Lights

Part Number	Description	Carton Qty	Lumens
1438	1 LED Multi Use Task Light - Cyclops Battery	12	100
48068	6 SMD LED Rechargeable Task Light	4	48
1437	37 LED Slimlite	12	
L1407	LED Cordless Task Light with Spot Light, Laser Pointer and Heavy-Duty Magnet Base	12	32



Our LED Lighting Products are continually being updated. Visit www.colemancable.com for the latest LED Worklights and Task Lights

Pro Line

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Products



Premium Incandescent Worklights



Part Number	Description	Wire Ga/Cond	Wire Type	Color	Length (Ft)	Package Type	125v Rating	Master Pack	Master Wt.	Master Pack cube
Polar/Solar® Work Lights										
05657	Metal Guard w/outlet	14/3	SJE0	Yellow	25	Sleeve	15A	6	6	2.06
05658	Metal Guard w/outlet	14/3	SJE0	Yellow	50	Sleeve	15A	6	30	2.06
05857	Metal Guard w/outlet	16/3	SJE0	Yellow	25	Sleeve	13A	6	13	1.43
05858	Metal Guard w/outlet	16/3	SJE0	Yellow	50	Sleeve	13A	6	23	1.91
YellowJacket® Work Lights										
2893	Metal Guard w/outlet	16/3	SJT	Yellow	25	Sleeve	13A	12	30	3.01
2948	Metal Guard w/outlet	16/3	SJT	Yellow	50	Sleeve	13A	4	16	1.39

• Note: These products do not have a switch or outlet, UL listed only.



Woods® Incandescent Worklights



Part Number	Description	Wire Ga/Cond	Wire Type	Color	Length (Ft)	Package Type	125v Rating	Master Pack	Master Wt.	Master Pack Cube
Two Conductor, Polypropylene										
0200	Plastic Guard	18/2	SJT	Orange	15'	Sleeve	75W	12	14	2.09
0201	Plastic Guard	18/2	SJT	Orange	25'	Sleeve	75W	12	20.4	1.86
Three Conductor, Grounded Metal Guard with Side Outlet and Switch										
0681	Metal Guard w/outlet	18/3	SJT	Orange	25'	Sleeve	10A	12	27.6	2.04
0682	Metal Guard w/outlet	18/3	SJT	Orange	50'	Sleeve	10A	6	22.2	1.7
0691	Metal Guard w/outlet	16/3	SJT	Orange	25'	Sleeve	13A	12	28.4	2
0692	Metal Guard w/outlet	16/3	SJT	Orange	50'	Sleeve	13A	6	24.6	1.64





Pro Line

Professional Construction Products

String Lights & Guards

Our most rugged lighting system. Heavy duty SJTW (yellow) cord with molded light sockets. Accommodates A-23 type bulbs up to 150 watts. Available with coated-metal lamp guards, or easy-open snap-on plastic guards. Standard 15 amp molded or 20 amp locking ends.

Part Number	Length (Ft)	Description	Guard	NEMA Plug & Receptacle	Master Pack
07598	50	12/3 STW 600v	*Coated Metal	5-15 P&R	1
07599	100	12/3 STW 600v	*Coated Metal	5-15 P&R	1
Industrial Cord-O-Lite™					
07538	50	12/3 SJTW 300v	*Coated Metal	5-15 P&R	1
07539	100	12/3 SJTW 300v	*Coated Metal	5-15 P&R	1
07548	50	12/3 SJTW 300v	Plastic	5-15 P&R	1
07549	100	12/3 SJTW 300v	Plastic	5-15 P&R	1
07569	100	12/3 SJTW 300v	Plastic	L5-20 P&R	1
Cord-O-Lite™ CFL String Lights					
07519	100	14/3 SJTW 300V	*Coated Metal	5-15 P&R	1
Economy String Lights - 15 Amp					
07145	100	14/2 SJTW 300v	Plastic	1-15P	1
Replacement Gaurds					
07200	-	Coated Metal for Cord-O-Lite™			
07205	-	Coated Metal for Fluorescent Cord-O-Lite™			
07300	-	Plastic for Cord-O-Lite™			



*Guards are pre-assembled onto lamp sockets to save labor and installation time.



Metal Halide Temporary Light - Pulse Start

NEC compliant pulse start lamp with 36,000 initial lumens, 20,000 hours of bulb life and 50% faster warm-up. Hot restart in less than half the time of a standard probe start metal halide system. Fast plug-in installation and spring-loaded hook. Knock-outs for hard wire and local codes. EISA 2007 compliant.

Part Number	Watts	Guard Type	Bulb Type	Cord Length	Master Pack	Master Wt	Master Pack Cube
07605*	400	10" Wire Guard	Type "0"	6ft	1	26	1.74

* NEC 2005
For replacement lamp use part number 07625-88-00.



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Replacement Bulbs

Part Number	Description	Bulb Type	Packaging	Multiple
L15	500W	Quartz Halogen	Bulb Buddy 6 Light	12
L23	500W Rough Service	Quartz Halogen	Bulb Buddy 6 Light	12
07880-50-00	500W	Quartz Halogen	Bulk Pack	50
05902-00-00	75W Rough Service	Incandescent	Bulk Pack	120
05903-00-00	100W Rough Service	Incandescent	Bulk Pack	120
L712	13W PL	CFL	Bulk Pack	10
07615	105W-Self Ballasted Bulb	CFL	Bulk Pack	
L766	65W Flat PL	CFL	Bulk Pack	10
07625-88-00	400W Pulse Start- Type "O"	Metal Halide	Bulk Pack	10

07625-88-00



07880-50-00



L23

Replacement Plugs & Connectors

Part Number	Description	Duty	Master Pack	Master Wt
50A 125/250v Locking				
05974	50A/125/250v Locking Male Plug	Construction	4	5
05975	50A/125/250v Locking Female Connector	Construction	4	4.2
05958	50A/125/250v Hubbell Locking Male Plug	Construction	4	5
05959	50A/125/250v Hubbell Locking Female Connector	Construction	4	4.2



05958

05959



05974

05975



Pro Line

Professional Construction Products

Replacement Power Supply Cords

Replacement cords for damaged OEM power supply cords.

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
Two Conductor - Water/oil resistant, superior abrasion resistance									
09853*~	16/2	SJEO	Black	6	Sleeve	13A	50	18	1.14
09854*~	16/2	SJEO	Black	9	Sleeve	13A	50	25	1.41
Three Conductor - Water/oil resistant, superior abrasion resistance									
09855*~	16/3	SJEO	Black	6	Sleeve	13A	50	23	1.14
09856*~	16/3	SJEO	Black	9	Sleeve	13A	50	32	1.41
09857*~	14/3	SJEO	Black	6	Sleeve	15A	25	15	1.14
09858*~	14/3	SJEO	Black	9	Sleeve	15A	25	21	1.41
09885*+~	16/3	SJEO	Black	50	Coil	13A	10	32	1.37
Two and Three Conductor Vinyl									
09702	16/2	SJTW	Black	6	Sleeve	13A	25	9	.50
09703	16/3	SJTW	Black	3	Sleeve	13A	25	10	.32
09706	16/3	SJTW	Black	6	Sleeve	13A	25	13	.54
09709	16/3	SJTW	Black	9	Sleeve	13A	25	22	.60
09716	14/3	SJTW	Black	6	Sleeve	15A	25	18	.56
09719	14/3	SJTW	Black	9	Sleeve	15A	25	23	.74
09733	16/3	SPT-3	Gray	3	Sleeve	13A	25	6	.31
09734	16/3	SPT-3	Gray	4	Sleeve	13A	25	9	.28
09736	16/3	SPT-3	Gray	6	Sleeve	13A	25	12	.30
09724**	16/3	SPT-3	Gray	4	Sleeve	13A	25	9	.32
09726**	16/3	SPT-3	Gray	6	Sleeve	15A	25	12	.31
09743	14/3	SPT-3	Beige	3	Sleeve	15A	25	10	.32
09746	14/3	SPT-3	Beige	6	Sleeve	15A	25	18	.54



09703



09724



09014



09124



09154

* UL Listed, **Right Angle Plug, + L5-20 Male End, - Made in USA



Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
Range Cords-Three Conductor, Flat Cord-NEMA 10-50									
09014	6/2 & 8/1	SRDT	Gray	4	Poly Bag	50A	12	20	.73
09015	6/2 & 8/1	SRDT	Gray	5	Poly Bag	50A	12	25	.82
09016	6/2 & 8/1	SRDT	Gray	6	Poly Bag	50A	12	30	.86
Range Cords-Four Conductor, Round Cord-NEMA 14-60									
09044	6/2 & 8/2	SRDT	Black	4	Poly Bag	50A	12	34	1.07
09045	6/2 & 8/2	SRDT	Black	5	Poly Bag	50A	12	42	1.10
09046	6/2 & 8/2	SRDT	Black	6	Poly Bag	50A	12	50	1.25
Dryer Cords-Three Conductor, Flat Cord-NEMA 10-30									
09124	10/3	SRDT	Gray	4	Poly Bag	30A	12	16	.74
09125	10/3	SRDT	Gray	5	Poly Bag	30A	12	17	.77
09126	10/3	SRDT	Gray	6	Poly Bag	30A	12	22	.82
Dryer Cords-Four Conductor, Round Cord-NEMA 14-30									
09154	10/4	SRDT	Black	4	Poly Bag	30A	12	26	1.01
09155	10/4	SRDT	Black	5	Poly Bag	30A	12	22	1.02
09156	10/4	SRDT	Black	6	Poly Bag	30A	12	24	1.17

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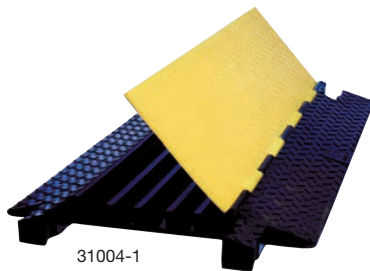
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Part Number	Channels	Description	Length (A)	Width (B)	Height (C)	Slot Size
ShockShield® CPS						
31200-1	5	3 Foot Straight	35.4 in	23.6 in	3 in	1.57 in
31201-1	5	Left Turn 45°	23.6 in	24.4 in	3 in	1.57 in
31202-1	5	Right Turn 45°	23.6 in	24.4 in	3 in	1.57 in
31203-1	5	End Cap Set	8 in	23.6 in	3 in	1.57 in
Yellow Jacket® CPS						
31104-1	5	3 Foot Straight	36 in	19 in	2 in	1.25 in
31107-1	5	End Cap Set	6 in	19 in	2 in	1.25 in
31106-1	5	Left Turn 45°	25 in	19 in	2 in	1.25 in
31105-1	5	Right Turn 45°	25 in	19 in	2 in	1.25 in



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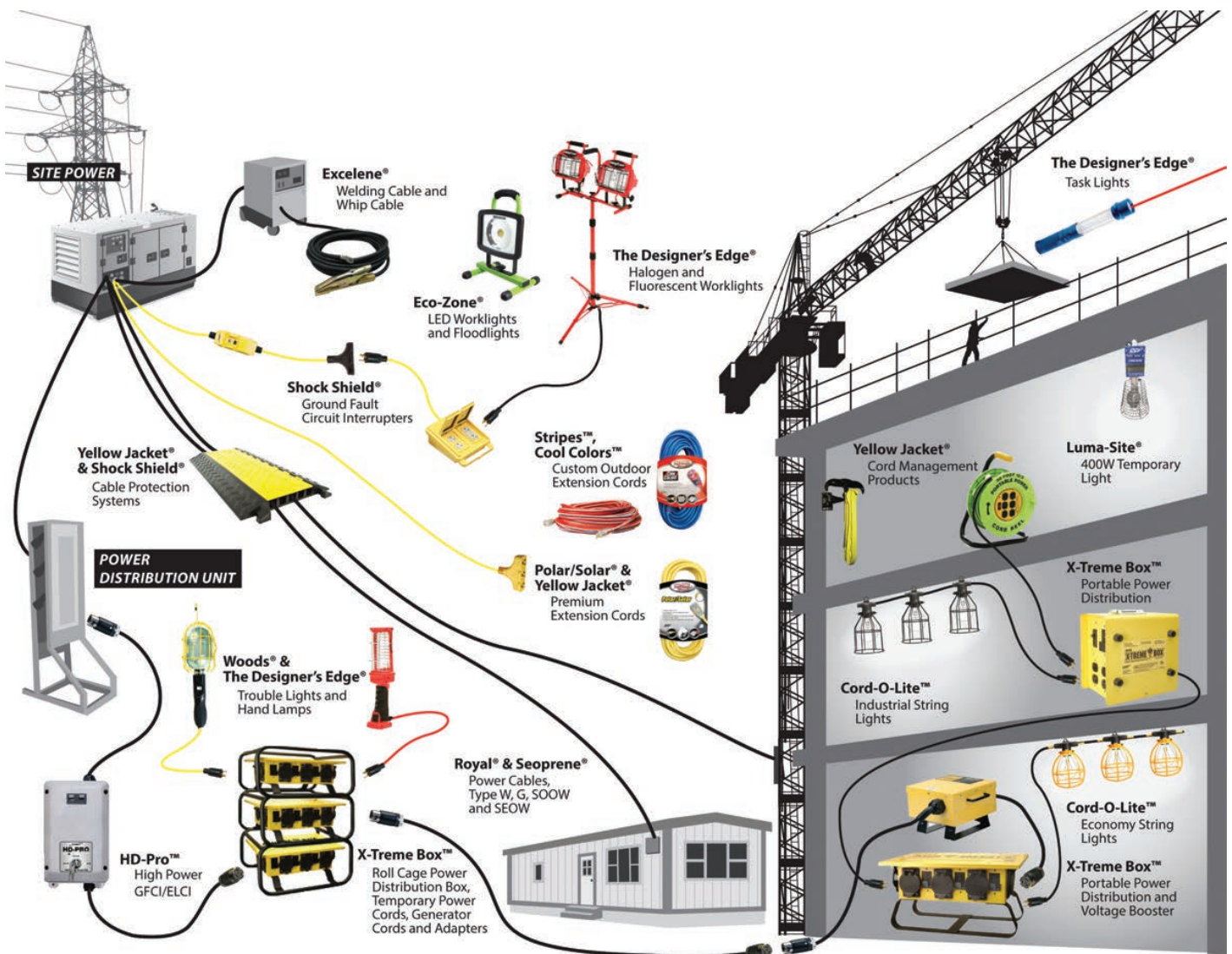


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Job Site Product Application Guide



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Part Number	Description	WV/1000'
54552	18/2p Tinned Copper Shielded Hunter/Weatherstation	57
55907	16/2 Tinned Copper Shielded Toro Control	50
51452	14/2 Tinned Copper Rainbird Maxi Control	78



Part Number	Description	WV/1000'
55613	14/2 Unjacketed Blue/Red Hunter	53
55612	12/2 Unjacketed Blue/Red Hunter	60
55611	14/2 Unjacketed Black/Red Toro	53
54495	12/2 Unjacketed Black/Red Toro	60
55601	14/2 Jacketed Toro	74
55602	12/2 Jacketed Toro	94
55903	14/2 Jacketed Hunter	74
55603	12/2 Jacketed Hunter	94


18 AWG Solid BC PE Barogation™ Sprinkler Cable



Part Number	Description	WV/1000'
54492	18/2	20
54703	18/3	26
54704	18/4	33
54705	18/5	39
54706	18/6	46
54707	18/7	59
54708	18/8	65
54709	18/9	72
54710	18/10	79
54712	18/12	88
54713	18/13	94
54716	18/16	114
54719	18/19	133
54725	18/25	179

Direct Burial Solid BC 30 Volt • PE Jacket with Ripcord • Sequentially Footage Marked


Single-Conductor UF Underground Feeder



Part Number	Description	WV/1000'
54499*	18 Solid	13
54500*	16 Solid	17
54501**	14 Solid	27
54502**	12 Solid	37
54503	10 Solid	50
54514	8 Solid	88
54505	6 Stranded	134
54506	4 Stranded	189
54507	2 Stranded	285

UL Listed Underground Feeder Cable 600 Volt • Type UF, TNU • Sequentially Footage Marked • No UL Classification • ***Non-wildable striped*


Tracer Wire for Water, Natural Gas, and Fiber Optic Lines



Part Number	Description	WV/1000'
54489	18 Solid	11
54490	16 Solid	15
54491	14 Solid	19
54492	12 Solid	27
54493	10 Solid	42
54494	8 Solid	70

Polyethylene Single Conductor • UL Listed 600 Volt solid PE • Sequentially Footage Marked Blue (05) for Water Pipe Lines, Yellow (02) for Natural Gas Pipe Lines, Orange (03) for Fiber Optic Lines


Direct Burial Animal Containment Wire



Part Number	Description	WV/1000'
54489	18 Solid	11
54490	16 Solid	15
54491	14 Solid	19
54492	12 Solid	27
54493	10 Solid	42
54494	8 Solid	70

Polyethylene Single Conductor • UL Listed 600 Volt Solid PE • Sequentially Footage Marked


Low-Voltage Underground Lighting Cable



Part Number	Description	Stranding	WV/1000'
55284	18/2	16/60	29
55286	16/2	26/30	51
55287	14/2	41/80	54
55289	12/2	65/30	77
55272	10/2	104/30	105
55271	8/2	7x24/30	161

Standard Low Energy Lighting Cable • Sequentially Footage Marked


Baro-Learn™ Polyethylene Golf Course Sprinkler Wire



Part Number	Description	WV/1000'
54489	18 Solid	11
54490	16 Solid	15
54491	14 Solid	19
54492	12 Solid	27
54493	10 Solid	42
54494	8 Solid	70

UL Listed Sprinkler Wire • 600 Volt Solid BC • Sequentially Footage Marked


Water Resistant Fountain Cable



Part Number	Description	WV/1000'
23225	18/2	44
23225	18/3	55
23225	18/4	66
23226	16/2	54
23226	16/3	67
23226	16/4	78
23227	14/2	68
23227	14/3	84
23427	14/4	104
23228	12/2	97
23228	12/3	123
23428	12/4	157
23229	10/2	166
23229	10/3	216
23429	10/4	276

UL/CSA Listed Type SA/EOOW/LSJ/ROOW (TPE) • Nec Article 400 • 300 Volt

Bare Copper



Part Number	Description	WV/1000'
54590	18 Solid	6
54600	16 Solid	8
54601	14 Solid	14
54602	12 Solid	21
54603	10 Solid	34
54604	8 Solid	53
54685	6 Solid	85
54605	6 Stranded	87
54606	4 Stranded	133
54607	2 Stranded	220





Flat Parallel Pump Cable

Part Number	Description	Stranding	Wt/ 1000'
42237	14/2 w/Grnd	19	72
42337	14/3 w/Grnd	19	99
42238	12/2 w/Grnd	19	104
42338	12/3 w/Grnd	19	136
42239	10/2 w/Grnd	19	147
42339	10/3 w/Grnd	19	196
42240	8/2 w/10 Grnd	19	212
42340	8/3 w/10 Grnd	19	289
42341	6/3 w/8 Grnd	19	425
42342	4/3 w/8 Grnd	19	588
42288	12/2 w/o Grnd	19	69
42388	12/3 w/o Grnd	19	104
42289	10/2 w/o Grnd	19	97
42389	10/3 w/o Grnd	19	147
42390	8/3 w/o Grnd	19	258



Twisted Pump Cable

Part Number	Description	Stranding	Wt/ 1000'
42257	14/2 w/Grnd	solid	74
42357	14/3 w/Grnd	solid	97
42258	12/2 w/Grnd	solid	102
42358	12/3 w/Grnd	solid	134
42259	10/2 w/Grnd	solid	143
42359	10/3 w/Grnd	solid	193
42260	8/2 w/10 Grnd	19	214
42360	8/3 w/10 Grnd	19	304
42361	6/3 w/8 Grnd	19	441
42362	4/3 w/8 Grnd	19	620
42363	2/3 w/6 Grnd	19	882
42308	12/3 w/o Grnd	19	102
42309	10/3 w/o Grnd	19	144



Heavy Duty Flat Jacketed (PVC/PVC) Pump Cable

Part Number	Description	Stranding	Wt/ 1000'
42267	14/2 w/Grnd	19	116
42367	14/3 w/Grnd	19	154
42268	12/2 w/Grnd	19	132
42368	12/3 w/Grnd	19	201
42269	10/2 w/Grnd	19	202
42369	10/3 w/Grnd	19	268
42370	8/3 w/10 Grnd	19	377
42371	6/3 w/10 Grnd	19	526
42372	4/3 w/8 Grnd	19	715
42373	2/3 w/6 Grnd	19	1034
42374	1/O-3 w/6 Grnd	19	1554
42375	2/O-3 w/6 Grnd	19	1865



Dual Purpose Round Jacketed Pump Cable

Part Number	Description	Stranding	Wt/ 1000'
42468	12/3 w/Grnd	19	205
42469	10/3 w/Grnd	19	278
42470	8/3 w/Grnd	19	386
42471	6/3 w/Grnd	19	582
42472	4/3 w/Grnd	19	731
42454	12/3 w/o Grnd	19	1011
42455	10/3 w/o Grnd	19	217
42456	8/3 w/o Grnd	19	330
42457	6/3 w/o Grnd	19	449
42458	4/3 w/o Grnd	19	718



Supreme Flexible Blue Flat Jacketed w/Ground

Part Number	Description	Stranding	Wt/ 1000'
44257	14/2 w/Grnd	41/30	72
44357	14/3 w/Grnd	41/30	95
44258	12/2 w/Grnd	65/30	99
44358	12/3 w/Grnd	65/30	133
44259	10/2 w/Grnd	104/30	143
44359	10/3 w/Grnd	104/30	189
44360	8/3 w/10 Grnd	7 x 24/30	338
44361	6/3 w/8 Grnd	7 x 37/30	502
44362	4/3 w/8 Grnd	7 x 60/30	651



UF-B Underground Feeder Flat Parallel w/Ground

Part Number	Description	Stranding	Wt/ 1000'
55560	14/2 w/Grnd	solid	83
55561	14/3 w/Grnd	solid	186
55562	12/2 w/Grnd	solid	132
55563	12/3 w/Grnd	solid	169
55564	10/2 w/Grnd	solid	176
55566	10/3 w/Grnd	solid	225
55565	8/2 w/10 Grnd	7	250
55567	8/3 w/10 Grnd	7	300
55575	6/2 w/10 Grnd	7	340
55576	6/3 w/10 Grnd	7	593



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- Multi-vendor friendly
- Innovative new products
- Inventory availability:
 - Full Line
 - Multiple Colors
 - Reliable Delivery



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Structured Wire Combination Cable

Residential Overall Jacketed Bundled

Part Number	Description	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
99276	(2) RG6 Quad 18CCS, 60/40%AL - black, white Swept to 3.0 GHz	CM	167 lbs	0.692"	500' Reel (05)	Blue w/White Stripe(61)
	(2) Cat 6 23/4pr BC - blue, green Tested to 600 MHz					
099273	(2) 62.5/125 tight buffered fiber - orange	CM	159 lbs	0.670"	500' Reel (05)	Orange (03)
	(2) RG6 Quad 18CCS, 60/40%AL - black, white Swept to 3.0 GHz					
99270	(2) Cat 5e 24/4pr BC - blue, gray Tested to 350 MHz	CM	146 lbs	0.650"	250' Reel (04) 500' Reel (05) 1,000' Reel (06)	Blue (06)
	(2) RG6 Quad 18CCS, 60/40%AL - black, white Swept to 3.0 GHz					
99271	(2) Cat 5e 24/4pr BC - blue, gray Tested to 350 MHz	CM	146 lbs	0.650"	500' Reel (05)	Blue (06)
	(2) RG6 Quad 18BC, 60/40%AL - black, white Swept to 3.0 GHz					
99272	(2) Cat 5e 24/4pr BC - blue, gray Tested to 350 MHz	CM	121 lbs	0.636"	500' Reel (05)	Green (05)
	(2) RG6 Quad 18CCS, 60/40%AL - black, white Swept to 3.0 GHz					
99275	(1) RG6 Quad 18CCS, 60/40%AL - black Swept to 3.0 GHz	CM	108 lbs	0.553"	500' Reel (05)	Yellow (02)
	(2) Cat 5e 24/4pr BC - blue, gray Tested to 350 MHz					



99276



099273

99270



99272

99275

Residential Siamese Cable

Part Number	Description	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
990001	(1) RG6 Quad 18CCS, 60/40%AL Swept to 3.0 GHz	CM	67 lbs	0.290" x 0.575"	1,000' Reel (06)	White (01)
	(1) Cat 5e 24/4pr BC Tested to 350 MHz					
990003	(1) RG6 18CCS, 60%AL Swept to 3.0 GHz	CM	65 lbs	0.290" x 0.575"	1,000' Reel (06)	White (01)
	(1) Cat 5e 24/4pr BC Tested to 350 MHz					



990001

Residential Unjacketed Bundled

Part Number	Description	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
999260	(2) RG6 Quad 18CCS, 60/40%AL - black, white Swept to 3.0 GHz	CM	140 lbs	0.614"	500" Reel (05)	Unjacketed (00)
	(2) Cat 5e 24/4pr BC- blue, gray Tested to 350 MHz					
99278	(2) RG6 Quad 18CCS, 60/40%AL - black, white Swept to 3.0 GHz	CMP	114 lbs	0.571"	500" Reel (05)	Unjacketed (00)
	(2) Cat 5e 25/4pr - orange, blue Tested to 350 MHz					



999260

Whole-Home Siamese Speaker & Cat 5e Cable

Part Number	Description	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
99286	Overall construction is parallel (1) Cat 5e 24/4pr BC Tested to 350 MHz (1) 16/4 stranded BC (26/30) 99.97% OFC	CMR	68 lbs	0.228" x 0.440"	500' Reel (05) 1,000' Reel (06)	Purple (13)



99286

Media Control Cable[†]

Part Number	Description	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
99295	Data: 22/1pr stranded BC (7/0.0096) OAS Nom. 100 Ohm impedance, 12.5 pF/ft, 86% VP Power: 18/2 stranded BC (7/0.0152)	CL3	37 lbs	0.250"	500' Reel (05) 1,000' Reel (06)	Teal w/Yellow stripe (G2)



99295

[†] Meets or exceeds the requirements of AMX[®] AXLink[®] and Crestron[®] Cresnet[®] protocols. AMX and AXLink are AMX trademarks. Crestron and Cresnet are Crestron trademarks.

Touch Pad Cable^{††}

Part Number	Description	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
99297	(1) Cat 5e 24/4pr BC - blue (96263) Tested to 350 MHz (1) 18/2 stranded BC (7/0.0152) - gray (51104) (1) RG59 20BC 95%BC - black (92074)	CM	72 lbs	0.571"	500' Reel (05)	Purple (13)

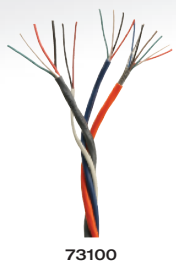


99297

^{††} Meets or exceeds the requirements for Elan[®] Vial[®] touch panels. Elan and Vial are Elan trademarks.

Access Control Combination Cable

Plenum Access Control



73100

Part Number	Description	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
73101	(1) 18/4 stranded BC (7/0.0152) - gray (71904) Lock Power	CMP	72 lbs	0.347"	500' Reel (05)	White (01)
	(1) 22/6 stranded BC (7/30) OAS - orange (75306) Card Reader					
	(1) 22/2 stranded BC (7/30) - white (72302) Door Contact					
	(1) 22/4 stranded BC (7/30) - blue (72304) Request to Exit / Spare					
73100	(1) 18/4 stranded BC (7/0.0152) - gray (71904) Lock Power	CMP	80 lbs	0.375"	500' Reel (05)	Unjacketed (00)
	(1) 22/6 stranded BC (7/30) OAS - orange (75306) Card Reader					
	(1) 22/2 stranded BC (7/30) - white (72302) Door Contact					
	(1) 22/4 stranded BC (7/30) - blue (72304) Request to Exit / Spare					

Entire construction is cabled together, without jacket

Riser Access Control (non-Plenum)



56100

Part Number	Description	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
56101	(1) 18/4 stranded BC (7/0.0152) - gray (51114) Lock Power	CMR	88 lbs	0.348"	500' Reel (05)	Yellow (02)
	(1) 22/6 stranded BC (7/30) OAS - orange (67006) Card Reader					
	(1) 22/2 stranded BC (7/30) - white (53101) Door Contact					
	(1) 22/4 stranded BC (7/30) - green (53112) Request to Exit / Spare					
56100	(1) 18/4 stranded BC (7/0.0152) - gray (51114) Lock Power	CMR	76 lbs	0.386"	500' Reel (05)	Unjacketed (00)
	(1) 22/6 stranded BC (7/30) OAS - orange (67005) Card Reader					
	(1) 22/2 stranded BC (7/30) - white (53101) Door Contact					
	(1) 22/4 stranded BC (7/30) - green (53112) Request to Exit / Spare					

Entire construction is cabled together, without jacket

Useful for most Access Control Applications up to 500 ft!

Lock Power

Gray - 18/4 stranded

Door Contact

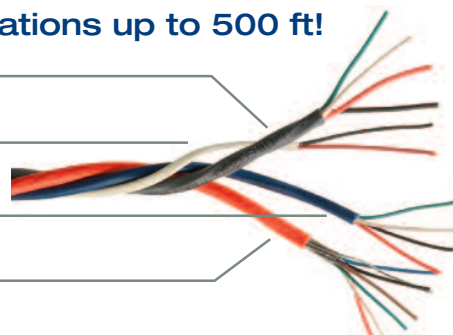
White - 22/2 stranded

Request to Exit/Spare

Blue - 22/4 stranded

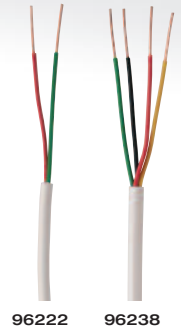
Card Reader

Orange - 22/6 overall shield, stranded



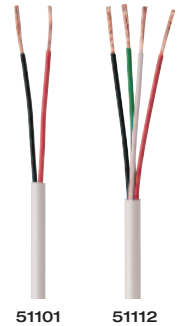
Solid Burglar Alarm Cable

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
96222	22/2 solid BC	22	2	CM	7 lbs	0.102"	500' Coil (55) 1,000' Box (46)	White (01) Yellow (02) Orange (03) Green (05) Blue (06) Brown (07) Gray (09)
96238	22/4 solid BC	22	4	CM	12 lbs	0.117"	500' Coil (55) 1,000' Box (46)	White (01) Yellow (02) Orange (03) Green (05) Blue (06) Brown (07) Gray (09) Beige (33)



Stranded Burglar Alarm Cable

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
51101	22/2 stranded (7/0.0096) BC	22	2	CM	9 lbs	0.110"	500' Coil (55) 1,000' Box (46)	White (01) Yellow (02) Orange (03) Green (05) Blue (06) Brown (07) Gray (09)
51112	22/4 stranded (7/0.0096) BC	22	4	CM	13 lbs	0.126"	500' Coil (55) 1,000' Box (46)	White (01) Yellow (02) Orange (03) Green (05) Blue (06) Brown (07) Gray (09)



Category Cable

Category 6 Cable



97272

Part Number	Description	Pairs	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
97272	Cat 6 23/4pr solid BC ETL Verified, Tested to 600 MHz	4	CMR	32 lbs	0.230"	1,000' RIB (16)	Orange (03) Green (05) Blue (06) Gray (09)
977964	Cat 6 23/4pr solid BC Plenum Rated ETL Verified, Tested to 600 MHz	4	CMP	26 lbs	0.210"	1,000' RIB (16)	Orange (03) Green (05) Blue (06) Natural (23)

Freq. (MHz)	Attn. (dB/100m) Max	NEXT loss (dB) Min	PSNEXT loss (dB) Min	ACR (dB@100m) Min	PSACR (dB@100m) Min	ELFEXT (dB@100m) Min	PSELFEXT (dB@100m) Min	Ret. Loss (dB) Max	Specification	Value
1	2.0	74.3	72.3	72.3	70.3	67.8	64.8	20.0	Mutual Capacitance: (nF / 100m) Nominal	4.4
10	6.0	59.3	57.3	53.3	51.3	47.8	44.8	25.0	DC Resistance: (Ohms / 100m @ 20°C) Max	8.9
16	7.6	56.2	54.2	48.6	46.6	43.7	40.7	25.0	Delay Skew: (ns / 100m) Max	25
20	8.5	54.8	52.8	46.3	44.3	41.8	38.8	25.0	Velocity of Propagation: Non-Plenum (%):	70
31.25	10.7	51.9	49.9	41.2	39.2	37.9	34.9	23.6	Plenum (%):	72
62.5	15.4	47.4	45.4	32.0	30.0	31.9	28.9	21.5	Input Impedance: (Ohms @ 1-100 MHz)	100 +/- 15
100	19.8	44.3	42.3	24.5	22.5	27.8	24.8	20.1	(Ohms @ 100-600 MHz)	100 +/- 32
200	29.0	39.8	37.8	10.8	8.8	21.8	18.8	18.0		
250	32.8	38.3	36.3	5.5	3.5	19.8	16.8	17.3		
350	40.0	36.2	34.2	-	-	16.9	13.9	16.3		
400	43.2	35.3	33.3	-	-	15.7	12.7	15.9		

Category 5e Cable



96263

Part Number	Description	Pairs	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
96263	Cat 5e 24/4pr solid BC ETL Verified, Tested to 350 MHz	4	CMR	24 lbs	0.185"	1,000' RIB (16) 1,000' Box (46)	White (01) Yellow (02) Orange (03) Green (05) Blue (06) Gray (09) Pink (21)
96273	Cat 5e 24/4pr solid BC STP (Shielded)	4	CMR	30 lbs	0.236"	1,000' RIB (16)	Blue (06)
96963	2x Cat 5e 24/4pr solid BC Dual (Parallel) construction ETL Verified, Tested to 350 MHz	4 + 4	CMR	51 lbs	0.185" x 0.370"	1,000' Reel (06)	Blue (06)
966956	Cat 5e 24/4pr solid BC Plenum Rated ETL Verified, Tested to 350 MHz	4	CMP	21 lbs	0.180"	1,000' RIB (16)	Yellow (02) Orange (03) Green (05) Blue (06) Gray (09) Natural (23)
96294	Cat 5e 24/4pr solid BC For direct burial use (flooded)	4	n/a	20 lbs	0.250"	1,000' Reel (06)	Black (08)
966525	Cat 5e 24/25pr solid BC	4	CM	90 lbs	0.492"	1,000' RIB (16)	Blue (06)

Freq. (MHz)	Attn. (dB/100m) Max	NEXT loss (dB) Min	PSNEXT loss (dB) Min	ACR (dB@100m) Min	PSACR (dB@100m) Min	ELFEXT (dB@100m) Min	PSELFEXT (dB@100m) Min	Ret. Loss (dB) Max	Specification	Value
1	2.0	65.3	62.5	63.3	60.3	63.8	60.8	20.0	Mutual Capacitance: (nF / 100m) Nominal	4.4
10	6.5	50.3	47.3	43.8	40.8	43.8	40.8	25.0	DC Resistance: (Ohms / 100m @ 20°C) Max	8.9
16	8.2	47.3	44.3	39.1	36.1	39.7	36.7	25.0	Delay Skew: (ns / 100m) Max	45
20	9.3	45.8	42.8	36.5	33.5	37.7	34.7	25.0	Velocity of Propagation: Non-Plenum (%):	70
31.25	11.7	42.9	39.9	31.2	28.2	33.9	30.9	23.6	Plenum (%):	72
62.5	17.0	38.4	35.4	21.4	18.4	27.8	24.8	21.5	Input Impedance: (Ohms @ 1-100 MHz)	100 +/- 15
100	22.0	35.3	32.3	13.3	10.3	23.8	20.8	20.1		

Coleman Cable Inc



Siamese (Dual) Cat 5e Cable

Part Number	Description	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
96963	(2) Cat 5e 24/4pr BC Tested to 350 MHz	CM	51 lbs	0.185" x 0.370"	1,000' Reel (06)	Blue (06)



96963

Category 3 Cable

Part Number	Description	Pairs	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
96202	Cat 3 24/2pr solid BC ETL Verified	2	CMR	10 lbs	0.140"	1,000' Box (46)	Gray (09) Beige (33)
96203	Cat 3 24/3pr solid BC ETL Verified	3	CMR	14 lbs	0.150"	1,000' Box (46)	Gray (09) Beige (33)
96204	Cat 3 24/4pr solid BC ETL Verified	4	CMR	17 lbs	0.180"	1,000' Box (46)	Gray (09) Beige (33)
96206	Cat 3 24/6pr solid BC	6	CMR	25 lbs	0.200"	1,000' Box (46)	Gray (09)
996212	Cat 3 24/12pr solid BC	12	CMR	53 lbs	0.320"	1,000' Reel (06)	Gray (09)
96210	Cat 3 24/25pr solid BC	25	CMR	108 lbs	0.410"	1,000' Reel (06)	Gray (09)
76214	Cat 3 24/4pr solid BC ETL Verified, Plenum Rated	4	CMP	19 lbs	0.160"	1,000' Box (46)	Gray (09) Natural (23)



96203



96204

Freq. (MHz)	Attn. (dB/100m) Max	NEXT loss (dB) Min	Ret. Loss (dB) Max
1	2.6	41	12
4	2.6	32	12
8	2.6	27	12
10	2.6	26	12
16	2.6	23	10



96206

Soundsational™ Speaker Cable



94722

Pro Audio Cable (high-strand, pressure-extruded, round)

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
94762	16/2 stranded BC (65/34) 99.97% OFC	16	2	CL3	31 lbs	0.192"	500' Box (45)	White (01) Yellow (02)
94764	16/4 stranded BC (65/34) 99.97% OFC	16	4	CL3	47 lbs	0.224"	500' Box (45)	Blue (06)
94742	14/2 stranded BC (105/34) 99.97% OFC	14	2	CL3	44 lbs	0.222"	500' Box (45)	White (01) Yellow (02)
94744	14/4 stranded BC (105/34) 99.97% OFC	14	4	CL3	69 lbs	0.260"	500' Box (45)	
94722	12/2 stranded BC (168/34) 99.97% OFC	12	2	CL3	73 lbs	0.278"	500' Reel (05)	White (01) Purple (13)



94542

94564

Complete Audio Cable (direct burial, high-strand, tubed construction)

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
94562	16/2 stranded BC (65/34) 99.97% OFC	16	2	CL3	24 lbs	0.188"	1000' Box (46)	White (01) Blue (06)
94564	16/4 stranded BC (65/34) 99.97% OFC	16	4	CL3	43 lbs	0.220"	500' Box (45)	
94542	14/2 stranded BC (105/34) 99.97% OFC	14	2	CL3	35 lbs	0.218"	1000' Box (46)	White (01) Yellow (02)
94544	14/4 stranded BC (105/34) 99.97% OFC	14	4	CL3	64 lbs	0.256"	1000' Box (46)	

Rated CM/CL3/FPL/PLTC



94642

94664

Easy Audio Cable (direct burial, tubed construction)

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
94662	16/2 stranded BC (26/30) 99.97% OFC	16	2	CL3	23 lbs	0.188"	500' Box (45)	White (01) Blue (06)
94772	16/2 stranded OAS BC (26/30) 99.97% OFC	16	2	CL3	27 lbs	0.197"	1000' Reel (06)	White (01)
94664	16/4 stranded BC (26/30) 99.97% OFC	16	4	CL3	42 lbs	0.220"	500' Box (45)	White (01) Blue (06)
94642	14/2 stranded BC (41/30) 99.97% OFC	14	2	CL3	34 lbs	0.218"	500' Box (45)	White (01) Yellow (02)
94644	14/4 stranded BC (41/30) 99.97% OFC	14	4	CL3	63 lbs	0.256"	500' Box (45)	

Rated CM/CL3/FPL/PLTC

Premium Parallel Zip Speaker Cable

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
94616	16/2 stranded BC (65/34) 99.97% OFC	16	2	CL2	36 lbs	0.126" x 0.266"	250' Reel (04) 500' Reel (05)	Clear (18)
94614	14/2 stranded BC (105/34) 99.97% OFC	14	2	CL2	53 lbs	0.157" x 0.360"	500' Reel (05)	Clear (18)
94612	12/2 stranded BC (168/34) 99.97% OFC	12	2	CL2	76 lbs	0.193" x 0.410"	500' Reel (05) 1,000' Reel (06)	Clear (18)



94616

Zip Speaker Cable

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
94600	22/2 stranded BC (7/30) 99.97% OFC	22	2	CL2	8 lbs	0.073" x 0.156"	1,000' Reel (06) 1,000' Reel (46)	White (01) Clear (18)
94603	18/2 stranded BC (16/30) 99.97% OFC	18	2	CL2	17 lbs	0.090" x 0.200"	1,000' Reel (06) 1,000' Reel (46)	White (01) Clear (18)
94605	16/2 stranded BC (26/30) 99.97% OFC	16	2	CL2	25 lbs	0.105" x 0.230"	500' Reel (05) 500' Reel (45)	Clear (18)
94607	14/2 stranded BC (41/30) 99.97% OFC	14	2	CL2	36 lbs	0.122" x 0.264"	500' Reel (05)	Clear (18)
94608	12/2 stranded BC (65/30) 99.97% OFC	12	2	CL2	60 lbs	0.142" x 0.304"	500' Reel (05)	Clear (18)



94605

Direct Burial Zip Speaker / Lighting Cable

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
55266	16/2 stranded BC (26/30) 99.97% OFC	16	2	n/a	43 lbs	0.156" x 0.307"	500' Reel (05)	Black (08)
55267	14/2 stranded BC (41/30) 99.97% OFC	14	2	n/a	53 lbs	0.166" x 0.341"	500' Reel (05)	Black (08)
55269	12/2 stranded BC (65/30) 99.97% OFC	12	2	n/a	71 lbs	0.186" x 0.417"	500' Reel (05)	Black (08)
55272	10/2 stranded BC (104/30) 99.97% OFC	10	2	n/a	102 lbs	0.209" x 0.405"	500' Reel (05)	Black (08)
55271	8/2 stranded BC (168/30) 99.97% OFC	8	2	n/a	162 lbs	0.287" x 0.574"	250' Reel (04)	Black (08)



55266

Non-Plenum Electronic Cable

Unshielded Electronic Cable



51104



51114

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
53101	22/2 stranded BC (7/30)	22	2	CMR CL3R	7 lbs	0.110"	1,000' Box (46)	White (01)
53112	22/4 stranded BC (7/30)	22	4	CMR CL3R	13 lbs	0.127"	1,000' Box (46)	White (01)
51116	22/6 stranded BC (7/30)	22	6	CMR CL3R	19 lbs	0.161"	500' Box (45) 1,000' Box (46)	Gray (09)
51118	22/8 stranded BC (7/30)	22	8	CMR CL3R	24 lbs	0.174"	500' Box (45)	Gray (09)
51120	22/10 stranded BC (7/30)	22	10	CMR CL3R	32 lbs	0.202"	1,000' Reel (06)	Gray (09)
51122	22/12 stranded BC (7/30)	22	12	CMR CL3R	35 lbs	0.209"	500' Box (45)	Gray (09)
51104	18/2 stranded BC (7/0.0152)	18	2	CMR CL3R	15 lbs	0.142"	500' Box (45) 1,000' Box (46)	White (01) Gray (09)
51109	18/3 stranded BC (7/0.0152)	18	3	CMR CL3R	21 lbs	0.151"	1,000' Box (46)	Gray (09)
51114	18/4 stranded BC (7/0.0152)	18	4	CMR CL3R	27 lbs	0.166"	500' Box (45) 1,000' Box (46)	White (01) Gray (09)
51117	18/6 stranded BC (7/0.0152)	18	6	CMR CL3R	41 lbs	0.215"	1,000' Reel (06)	Gray (09)
51119	18/8 stranded BC (7/0.0152)	18	8	CMR CL3R	54 lbs	0.233"	1,000' Reel (06)	Gray (09)
51123	18/12 stranded BC (7/0.0152)	18	12	CMR CL3R	78 lbs	0.275"	500' Reel (05) 1,000' Reel (06)	Gray (09)
51105	16/2 stranded BC (19/0.0117)	16	2	CMR CL3R	23 lbs	0.168"	500' Box (45) 1,000' Box (46)	White (01) Gray (09)
51115	16/4 stranded BC (19/0.0117)	16	4	CMR CL3R	43 lbs	0.203"	500' Box (45) 1,000' Box (46)	Gray (09)
51140	14/2 stranded BC (19/0.0147)	14	2	CMR CL3R	35 lbs	0.206"	1,000' Reel (06)	Gray (09)
51174	14/4 stranded BC (19/0.0147)	14	4	CMR CL3R	65 lbs	0.252"	1,000' Reel (06)	Gray (09)
51142	12/2 stranded BC (19/0.0185)	12	2	CMR CL3R	53 lbs	0.260"	1,000' Reel (06)	Gray (09)

Overall Shield Electronic Cable

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
95211	22/2 stranded BC (7/30) OAS	22	2	CMR CL3R	10 lbs	0.129"	1,000' Box (46)	Gray (09)
95216	22/3 stranded BC (7/30) OAS	22	3	CMR CL3R	15 lbs	0.134"	1,000' Reel (06)	Gray (09)
67001	22/4 stranded BC (7/30) OAS	22	4	CMR CL3R	16 lbs	0.148"	500' Box (45) 1,000' Box (46)	Gray (09)
67005	22/6 stranded BC (7/30) OAS	22	6	CMR CL3R	23 lbs	0.178"	500' Box (45) 1,000' Box (46)	Gray (09)
67007	22/8 stranded BC (7/30) OAS	22	8	CMR CL3R	29 lbs	0.192"	500' Box (45) 1,000' Box (46)	Gray (09)
67009	22/12 stranded BC (7/30) OAS	22	12	CMR CL3R	41 lbs	0.230"	500' Box (45)	Gray (09)
95214	18/2 stranded BC (7/0.0152) OAS	18	2	CMR CL3R	18 lbs	0.163"	1,000' Reel (06) 1,000' Box (46)	Gray (09)
95218	18/3 stranded BC (7/0.0152) OAS	18	3	CMR CL3R	25 lbs	0.175"	1,000' Reel (06) 1,000' Box (46)	Gray (09)
67003	18/4 stranded BC (7/0.0152) OAS	18	4	CMR CL3R	34 lbs	0.193"	1,000' Reel (06) 1,000' Box (46)	Gray (09)
67006	18/6 stranded BC (7/0.0152) OAS	18	6	CMR CL3R	46 lbs	0.230"	1,000' Reel (06) 500' Box (45)	Gray (09)
67008	18/8 stranded BC (7/0.0152) OAS	18	8	CMR CL3R	59 lbs	0.249"	1,000' Reel (06)	Gray (09)
67010	18/12 stranded BC (7/0.0152) OAS	18	12	CMR CL3R	86 lbs	0.301"	1,000' Reel (06)	Gray (09)
95215	16/2 stranded BC (19/0.0117) OAS	16	2	CMR CL3R	26 lbs	0.187"	1,000' Reel (06)	Gray (09)
95219	16/3 stranded BC (19/0.0117) OAS	16	2	CMR CL3R	41 lbs	0.204"	1,000' Reel (06)	Gray (09)
95230	16/4 stranded BC (19/0.0117) OAS	16	4	CMR CL3R	46 lbs	0.218"	1,000' Reel (06)	Gray (09)
95253	14/2 stranded BC (19/0.0147) OAS	14	2	CMR CL3R	37 lbs	0.216"	1,000' Reel (06)	Gray (09)



95214



67003

Each Pair Shielded Electronic Cable

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
642202	22/2pr stranded TC (7/30) EPS	22	4 2 pair	CM CL2	20 lbs	0.170"	1,000' Reel (06) 500' Box (45)	Gray (09)
95510	18/2pr stranded BC (7/0.0152) EPS	18	4 (2 pair)	CMR CL3R	40 lbs	0.302"	1,000' Reel (06)	Gray (09)



95510

Plenum Electronic Cable

Plenum Unshielded Electronic Cable

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
72302	22/2 stranded BC (7/30)	22	2	CMP CL3P	10 lbs	0.109"	1,000' Box (46)	Natural (23)
72304	22/4 stranded BC (7/30)	22	4	CMP CL3P	15 lbs	0.127"	1,000' Box (46)	Natural (23)
72306	22/6 stranded BC (7/30)	22	6	CMP CL3P	22 lbs	0.150"	1,000' Box (46)	Natural (23)
72308	22/8 stranded BC (7/30)	22	8	CMP CL3P	27 lbs	0.163"	1,000' Reel (06)	Natural (23)
72310	22/10 stranded BC (7/30)	22	10	CMP CL3P	37 lbs	0.198"	1,000' Reel (06)	Natural (23)
72312	22/12 stranded BC (7/30)	22	12	CMP CL3P	43 lbs	0.203"	1,000' Reel (06)	Natural (23)
71902	18/2 stranded BC (7/0.0152)	18	2	CMP CL3P	20 lbs	0.142"	1,000' Reel (06) 1,000' Box (46)	Natural (23)
71903	18/3 stranded BC (7/0.0152)	18	3	CMP CL3P	25 lbs	0.151"	1,000' Reel (06) 1,000' Box (46)	Natural (23)
71904	18/4 stranded BC (7/0.0152)	18	4	CMP CL3P	33 lbs	0.166"	1,000' Reel (06) 1,000' Box (46)	Natural (23)
71906	18/6 stranded BC (7/0.0152)	18	6	CMP CL3P	48 lbs	0.205"	1,000' Reel (06)	Natural (23)
71908	18/8 stranded BC (7/0.0152)	18	8	CMP CL3P	61 lbs	0.223"	1,000' Reel (06)	Natural (23)
71910	18/10 stranded BC (7/0.0152)	18	10	CMP CL3P	75 lbs	0.262"	1,000' Reel (06)	Natural (23)
71912	18/12 stranded BC (7/0.0152)	18	12	CMP CL3P	88 lbs	0.271"	1,000' Reel (06)	Natural (23)
71702	16/2 stranded BC (19/0.0117)	16	2	CMP CL3P	27 lbs	0.177"	1,000' Reel (06)	Natural (23)
71703	16/3 stranded BC (19/0.0117)	16	3	CMP CL3P	37 lbs	0.195"	1,000' Reel (06)	Natural (23)
71704	16/4 stranded BC (19/0.0117)	16	4	CMP CL3P	51 lbs	0.214"	1,000' Reel (06)	Natural (23)
71502	14/2 stranded BC (19/0.0147)	14	2	CMP CL3P	41 lbs	0.206"	1,000' Reel (06)	Natural (23)



71902



71904

Plenum Overall Shield Electronic Cable

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
75302	22/2 stranded BC (7/30) OAS	22	2	CMP CL3P	11 lbs	0.128"	1,000' Reel (06) 1,000' Box (46)	Natural (23)
75304	22/4 stranded BC (7/30) OAS	22	4	CMP CL3P	17 lbs	0.146"	1,000' Reel (06) 1,000' Box (46)	Natural (23)
75306	22/6 stranded BC (7/30) OAS	22	6	CMP CL3P	23 lbs	0.172"	1,000' Reel (06) 1,000' Box (46)	Natural (23)
75308	22/8 stranded BC (7/30) OAS	22	8	CMP CL3P	30 lbs	0.190"	1,000' Reel (06) 1,000' Box (46)	Natural (23)
75902	18/2 stranded BC (7/0.0152) OAS	18	2	CMP CL3P	19 lbs	0.162"	1,000' Reel (06) 1,000' Box (46)	Natural (23)
75903	18/3 stranded BC (7/0.0152) OAS	18	3	CMP CL3P	25 lbs	0.170"	1,000' Reel (06) 1,000' Box (46)	Natural (23)
75904	18/4 stranded BC (7/0.0152) OAS	18	4	CMP CL3P	32 lbs	0.186"	1,000' Reel (06) 1,000' Box (46)	Natural (23)
75906	18/6 stranded BC (7/0.0152) OAS	18	6	CMP CL3P	47 lbs	0.227"	1,000' Reel (06)	Natural (23)
75908	18/8 stranded BC (7/0.0152) OAS	18	8	CMP CL3P	60 lbs	0.246"	1,000' Reel (06)	Natural (23)
75702	16/2 stranded BC (19/0.0117) OAS	16	2	CMP CL3P	26 lbs	0.187"	1,000' Reel (06)	Natural (23)
75704	16/4 stranded BC (19/0.0117) OAS	16	4	CMP CL3P	48 lbs	0.224"	1,000' Reel (06)	Natural (23)
75502	14/2 stranded BC (19/0.0147) OAS	14	2	CMP CL3P	39 lbs	0.216"	1,000' Reel (06)	Natural (23)



75902



75904

Plenum Each Pair Shielded Electronic Cable

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
77304	22/2pr stranded BC (7/30) EPS	22	4 (2 pair)	CMP CL3P	24 lbs	0.190"	1,000' Reel (06)	Natural (23)
77306	22/3pr stranded BC (7/30) EPS	22	6 (3 pair)	CMP CL3P	37 lbs	0.229"	1,000' Reel (06)	Natural (23)



77304

Fire Alarm Cable



98804 98420

Unshielded Fire Alarm Cable

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
98204	22/4 solid BC (not cabled)	22	4	FPLR	12 lbs	0.117"	1,000' Box (46) 500' Coil (55)	Red (04)
98820	18/2 solid BC	18	2	FPLR	14 lbs	0.132"	1,000' Reel (06) 1,000' Box (46)	Red (04)
98804	18/4 solid BC	18	4	FPLR	26 lbs	0.154"	1,000' Reel (06) 1,000' Box (46)	Red (04)
98844	18/4 solid BC (not cabled)	18	4	FPLR	27 lbs	0.154"	500' Box (45) 1,000' Box (46)	Red (04)
98806	18/6 solid BC	18	6	FPLR	39 lbs	0.194"	500' Box (45) 1,000' Reel (06)	Red (04)
98620	16/2 solid BC	16	2	FPLR	21 lbs	0.154"	500' Box (45) 1,000' Reel (06)	Red (04)
98604	16/4 solid BC	16	4	FPLR	39 lbs	0.180"	500' Box (45) 1,000' Reel (06)	Red (04)
98420	14/2 solid BC	14	2	FPLR	34 lbs	0.194"	500' Box (45) 1,000' Reel (06)	Red (04)
98404	14/4 solid BC	14	4	FPLR	63 lbs	0.228"	1,000' Reel (06)	Red (04)
98200	12/2 solid BC	12	2	FPLR	50 lbs	0.236"	1,000' Reel (06)	Red (04)



98630

Shielded Fire Alarm Cable

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
98300	18/2 solid BC OAS	18	2	FPLR	17 lbs	0.151"	1,000' Reel (06) 1,000' Box (46)	Red (04)
98831	18/4 solid BC OAS	18	4	FPLR	30 lbs	0.174"	1,000' Reel (06) 1,000' Box (46)	Red (04)
98630	16/2 solid BC OAS	16	2	FPLR	25 lbs	0.172"	1,000' Reel (06) 1,000' Box (46)	Red (04)
98631	16/4 solid BC OAS	16	4	FPLR	44 lbs	0.206"	1,000' Reel (06)	Red (04)
98430	14/2 solid BC OAS	14	2	FPLR	34 lbs	0.204"	1,000' Reel (06) 1,000' Box (46)	Red (04)
98431	14/4 solid BC OAS	14	4	FPLR	65 lbs	0.237"	1,000' Reel (06)	Red (04)
98230	12/2 solid BC OAS	12	2	FPLR	53 lbs	0.237"	1,000' Reel (06)	Red (04)



92452

Corra/Clad™ Armored Fire Alarm Cable

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
92852	18/2 solid BC	18	2	FPL	44 lbs	0.334"		Red (44)
92854	18/4 solid BC	18	4	FPL	63 lbs	0.370"		Red (44)
92652	16/2 solid BC	16	2	FPL	57 lbs	0.355"		Red (44)
92654	16/4 solid BC	16	4	FPL	81 lbs	0.387"	250' Reel (04) 500' Reel (05) 1,000' Reel (06)	Red (44)
92452	14/2 solid BC	14	2	FPL	71 lbs	0.380"		Red (44)
92454	14/4 solid BC	14	4	FPL	108 lbs	0.423"		Red (44)
92252	12/2 solid BC	12	2	FPL	92 lbs	0.404"		Red (44)

Plenum Unshielded Fire Alarm Cable

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
81802	18/2 solid BC	18	2	FPLP	15 lbs	0.132"	1,000' Reel (06) 1,000' Box (46)	Red (04)
81804	18/4 solid BC (not cabled)	18	4	FPLP	27 lbs	0.155"	1,000' Reel (06) 1,000' Box (46)	Red (04)
81806	18/6 solid BC	18	6	FPLP	41 lbs	0.184"	1,000' Reel (06)	Red (04)
81602	16/2 solid BC	16	2	FPLP	23 lbs	0.162"	1,000' Reel (06) 1,000' Box (46)	Red (04)
81604	16/4 solid BC	16	4	FPLP	43 lbs	0.196"	1,000' Reel (06)	Red (04)
81402	14/2 solid BC	14	2	FPLP	35 lbs	0.194"	1,000' Reel (06)	Red (04)
81404	14/4 solid BC	14	4	FPLP	64 lbs	0.227"	1,000' Reel (06)	Red (04)
81202	12/2 solid BC	12	2	FPLP	52 lbs	0.227"	1,000' Reel (06)	Red (04)



Plenum Shielded Fire Alarm Cable

Part Number	Description	AWG	Cond	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
85802	18/2 solid BC OAS	18	2	FPLP	18 lbs	0.158"	1,000' Reel (06) 1,000' Box (46)	Red (04)
85804	18/4 solid BC OAS	18	4	FPLP	31 lbs	0.183"	1,000' Reel (06)	Red (04)
85602	16/2 solid BC OAS	16	2	FPLP	25 lbs	0.180"	1,000' Reel (06) 1,000' Box (46)	Red (04)
85604	16/4 solid BC OAS	16	4	FPLP	45 lbs	0.215"	1,000' Reel (06)	Red (04)
85402	14/2 solid BC OAS	14	2	FPLP	37 lbs	0.212"	1,000' Reel (06)	Red (04)
85404	14/4 solid BC OAS	14	4	FPLP	66 lbs	0.247"	1,000' Reel (06)	Red (04)



CATV Coaxial Cable



821010

RG11 Quad Shield CATV Coax Cable

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
992165	RG11 14CCS 60/40%AL Quad - Tested to 3.0GHz	14 CCS	CL2	74 lbs	0.424"	1,000' Reel (06)	Black (08)
821010	RG11 14CCS 60/40%AL Quad - Tested to 3.0GHz Plenum Rated	14 CCS	CL2P	61 lbs	0.378"	1,000' Reel (06)	Natural (23)



821013

RG11 CATV Coax Cable

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
992155	RG11 14CCS 60%AL - Tested to 3.0GHz	14 CCS	CL2	66 lbs	0.405"	1,000' Reel (06)	Black (08)
992153	RG11 14BC 60%AL - Tested to 3.0GHz Bare Copper Center Conductor	14 BC	CL2	66 lbs	0.405"	1,000' Reel (06)	Black (08)
821013	RG11 14CCS 61%AL - Tested to 3.0GHz Plenum Rated	14 CCS	CL2P	54 lbs	0.346"	1,000' Reel (06)	White (01)
99901	RG11 14BC 65%TC Plenum Rated	14 BC	CL2P	62 lbs	0.339"	1,000' Reel (06)	White (01)



92041



921019

RG6 Quad Shield CATV Coax Cable

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
92041	RG6 18CCS 60/40%AL Quad - Tested to 3.0GHz	18 CCS	CM CL3	34 lbs	0.300"	1,000' Box (46) 1,000' Reel (06)	White (01) Black (08)
92042	RG6 18CCS Value Quad - Tested to 3.0GHz	18 CCS	CM CL3	33 lbs	0.300"	1,000' Box (46) 1,000' Reel (06)	White (01) Black (08)
992151	RG6 18CCS 60/40%AL Quad - Tested to 3.0GHz 2x Dual (Siamese) construction	18 CCS	CM CL3	66 lbs	0.300" x 0.629"	1,000' Reel (06)	Black (08)
920414	RG6 18BC 60/40%AL Quad - Tested to 3.0GHz Bare Copper Center Conductor	18 BC	CM CL3	35 lbs	0.300"	1,000' Box (46) 1,000' Reel (06)	White (01) Black (08)
920411	RG6 18CCS 60/40%AL Quad - Tested to 3.0GHz CMG FT-4 Rated for Canada	18 CCS	CM CL3	35 lbs	0.300"	1,000' Box (46) 1,000' Reel (06)	White (01) Black (08)
920413	RG6 18CCS 60/40%AL Quad - Tested to 3.0GHz Riser Rated	18 CCS	CMR CL3R	35 lbs	0.300"	1,000' Reel (06)	Black (08)
921019	RG6 18CCS 60/40%AL Quad - Tested to 3.0GHz Plenum Rated	18 CCS	CMP CL3P	32 lbs	0.272"	1,000' Reel (06)	White (01) Black (08)
99911	RG6 18BC 60/40%AL Quad - Tested to 3.0GHz Plenum Rated, Bare Copper Center Conductor	18 BC	CMP CL3P	33 lbs	0.274"	1,000' Reel (06)	Natural (23)
92071	RG6 18CCS 60/40%AL Quad - Tested to 3.0GHz For Direct Burial use (flooded)	18 CCS	n/a	34 lbs	0.300"	1,000' Reel (06)	Black (08)
992841	RG6 18CCS 60/40%AL Quad - Tested to 3.0GHz w/17 AWG steel mess. for aerial applications	18 CCS	n/a	50 lbs	0.300" x 0.424"	1,000' Reel (06)	Black (08)

RG6 Dual Shield CATV Coax Cable

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
92001	RG6 18CCS 40%AL - Tested to 3.0GHz	18 CCS	CM CL2	26 lbs	0.269"	1,000' Reel (06) 1,000' Box (46)	Black (08)
992128	RG6 18CCS 40%AL - Tested to 3.0GHz 2x Dual (siamese) construction	18 CCS	CM CL2	52 lbs	0.269" x 0.503"	1,000' Reel (06)	Black (08)
992132	RG6 18CCS 60%AL - Tested to 3.0GHz 2x Dual (siamese) construction	18 CCS	CM CL2	53 lbs	0.269" x 0.558"	1,000' Reel (06)	Black (08)
92008	RG6 18CCS Value Coax - Tested to 3.0GHz	18 CCS	CM CL2	26 lbs	0.269"	1,000' Reel (06) 1,000' Box (46)	White (01) Black (08)
92003	RG6 18CCS 60%AL - Tested to 3.0GHz	18 CCS	CM CL2	26 lbs	0.269"	1,000' Reel (06) 1,000' Box (46)	White (01) Black (08)
92049	RG6 18BC 60%AL - Tested to 3.0GHz	18 BC	CM CL2	30 lbs	0.269"	1,000' Reel (06) 1,000' Box (46)	Black (08)
92083	RG6 18CCS 60%AL - Tested to 3.0GHz CMG FT-4 rated for Canada	18 CCS	CM CL2	28 lbs	0.269"	1,000' Box (46)	White (01) Black (08)
920036	RG6 18CCS 60%AL - Tested to 3.0GHz Riser Rated	18 CCS	CMR CL2R	28 lbs	0.269"	1,000' Reel (06) 1,000' Box (46)	Black (08)
921015	RG6 18CCS 80%AL - Tested to 3.0GHz Plenum Rated	18 CCS	CMP CL2P	26 lbs	0.228"	1,000' Reel (06)	White (01)
921009	RG6 18BC 80%AL - Tested to 3.0GHz Plenum Rated	18 BC	CMP CL2P	26 lbs	0.228"	1,000' Reel (06)	White (01)
921007	RG6 18BC 90%AL - Tested to 3.0GHz Plenum Rated	18 BC	CMP CL2P	27 lbs	0.233"	1,000' Reel (06)	White (01)
992479	RG6 18CCS 60%AL - Tested to 3.0GHz For direct burial use (flooded)	18 CCS	n/a	27 lbs	0.269"	1,000' Reel (06)	Black (08)
992481	RG6 18CCS 60%AL - Tested to 3.0GHz 2x Dual (siamese) construction w/17 AWG steel mess. for aerial applications	18 CCS	n/a	67 lbs	0.271" x 0.735"	1,000' Reel (06)	Black (08)



92003

RG59 Budget CATV Coax Cable

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
92006	RG59 22CCS 40%AL	22 CCS	CM CL2	20 lbs	0.239"	1,000' Reel (06) 1,000' Box (46)	Black (08)
92009	RG59 22CCS 65%AL	22 CCS	CM CL2	21 lbs	0.239"	1,000' Reel (06) 1,000' Box (46)	Black (08)



92009

CCTV Coaxial Cable



992161 821005

RG11 Type CCTV Coax Cable

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
992161	RG11 14BC 95%BC	14 BC	CM CL2	83 lbs	0.405"	1,000' Reel (06)	Black (08)
821005	RG11 14BC 95%BC Plenum Rated	14 BC	CMP CL2P	78 lbs	0.344"	1,000' Reel (06)	White (01)
191037	RG11 14BC 95%BC For direct burial use (flooded)	14 BC	n/a	87 lbs	0.405"	1,000' Reel (06)	Black (08)



92045 921003

RG6 Type CCTV Coax Cable

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
92045	RG6 18BC 95%BC	18 BC	CM CL2	41 lbs	0.270"	1,000' Reel (06) 1,000' Box (46)	Black (08)
292045	RG6 18BC 95%BC CMG FT-4 Rated for Canada	18 BC	CM CL2	39 lbs	0.268"	1,000' Box (46)	Black (08)
921003	RG6 18BC 95%BC Plenum Rated	18 BC	CMP CL2P	37 lbs	0.228"	1,000' Reel (06) 1,000' Box (46)	White (01)
92061	RG6 18BC 95%BC For direct burial use	18 BC	n/a	35 lbs	0.270"	1,000' Reel (06)	Black (08)
192061	RG6 18BC 95%BC For direct burial use (flooded)	18 BC	n/a	38 lbs	0.270"	1,000' Reel (06)	Black (08)



92074 99969

RG59 Type CCTV Coax Cable

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
92074	RG59 20BC 95%BC	20 BC	CM CL3	33 lbs	0.236"	1,000' Reel (06) 1,000' Box (46)	White (01) Black (08)
292075	RG59 20BC 95%BC CMG FT-4 Rated for Canada	20 BC	CM CL3	33 lbs	0.236"	1,000' Box (46)	Black (08)
99969	RG59 20BC 95%BC Plenum Rated	20 BC	CMP CL3P	29 lbs	0.198"	1,000' Reel (06) 1,000' Box (46)	White (01)
192115	RG59 20BC 95%BC For direct burial use (flooded)	20 BC	n/a	34 lbs	0.269"	1,000' Reel (06)	Black (08)
992874	RG59 20BC 95%BC w/17 AWG steel mess. for aerial	20 BC	n/a	47 lbs	0.236" x 0.370"	1,000' Reel (06)	Black (08)



993211

Micro CCTV Coax Cable

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
993211	Micro 25BC 95%BC	25 BC	CM	16 lbs	0.150"	1,000' Reel (06)	White (01) Black (08)



991055

Stranded CCTV Coax Cable (Moving Application)

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
991055	RG59 22 stranded BC (7/30) 95%BC	22	CM CL2	32 lbs	0.236"	1,000' Reel (06)	Black (08)
992136	RG6 18 stranded BC (16/30) 95%BC	18	CM CL2	45 lbs	0.270"	1,000' Reel (06)	Black (08)

CCTV Combination Coaxial Cable

Siamese CCTV Combination Coax Cable

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
993253	RG59 20BC 95%BC + 18/2 STR BC for power	20 BC	CM CL2	53 lbs	0.232" x 0.421"	500' Box (45) 1,000' Reel (06)	White (01) Black (08)
993256	RG59 20BC 95%BC + 18/2 STR BC for power Plenum Rated	20 BC	CMP CL2P	49 lbs	0.200" x 0.368"	500' Box (45) 1,000' Reel (06)	White (01) Black (08)
993254	RG59 20BC 95%BC + 18/2 STR BC for power For direct burial use	20 BC	n/a	45 lbs	0.232" x 0.421"	1,000' Reel (06)	Black (08)
993251	RG59 20BC 95%BC + 22/2 STR TC OAS	20 BC	CM CL2	51 lbs	0.236" x 0.441"	1,000' Reel (06)	Black (08)
993267	RG6 18BC 95%BC + 18/2 STR BC for power	18 BC	CM	61 lbs	0.266" x 0.455"	1,000' Reel (06)	Black (08)
993265	RG6 18BC 95%BC + 18/2 STR BC for power Plenum Rated	18 BC	CMP CL2P	46 lbs	0.228" x 0.396"	1,000' Reel (06)	Black (08)



993253

Round CCTV Combination Coax Cable

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
92094	RG59 20BC 95%BC + 18/2 STR BC for power	20 BC	CM CL2	64 lbs	0.340"	500' Box (45) 1,000' Reel (06)	White (01) Black (08)
99979	RG59 20BC 95%BC + 18/2 STR BC for power Plenum Rated	20 BC	CMP CL2P	54 lbs	0.226" x 0.366"	1,000' Reel (06)	White (01)



92094

PowerWatch™ Combination CCTV over UTP

PowerWatch™ - CCTV over UTP (Round) Cable

Part Number	Description	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
97194	(1) 24/2pr solid BC (Cat 5e twist) (1) 16/2 stranded BC (19/0.0117) power cables	CMR	30 lbs	0.185"	1,000' Box (46) 1,000' Reel (06)	White (01)
97195	(1) 24/2pr solid BC (Cat 5e twist) (1) 16/2 stranded BC (19/0.0117) power cables	CMP	32 lbs	0.181"	1,000' Reel (06)	Natural (23)



97194

PowerWatch™ - CCTV over UTP (Parallel) Cable

Part Number	Description	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
97294	(1) 24/2pr solid BC (Cat 5e twist) (1) 16/2 stranded BC (19/0.0117) power cables	CMR	38 lbs	0.185" x 0.345"	1,000' Box (46) 1,000' Reel (06)	White (01)
97295	(1) 24/2pr solid BC (Cat 5e twist) (1) 16/2 stranded BC (19/0.0117) power cables	CMP	41 lbs	0.181" x 0.341"	1,000' Reel (06)	Natural (23)



97295

PowerWatch™ IP - CCTV over TCP/IP (Parallel) Cable

Part Number	Description	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
97394	(1) Cat 5e 24/4pr solid BC (1) 18/2 stranded BC (16/30) power cables	CMR	42 lbs	0.203" x 0.375"	1,000' Reel (06)	White (01)
97396	(1) Cat 5e 24/4pr solid BC (1) 16/2 stranded BC (26/30) power cables	CMR	50 lbs	0.203" x 0.401"	1,000' Reel (06)	White (01)
97395	(1) Cat 5e 24/4pr solid BC (1) 16/2 stranded BC (16/30) power cables	CMP	44 lbs	0.199" x 0.367"	1,000' Reel (06)	Natural (23)



97394

Precision Video Coaxial Cables

RG6 & RG59 Type Precision Video Coax Cable



99501

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
99601	RG6 18BC 100% bonded foil, 95%TC Can be used for Serial Digital applications Tested to 3.0 GHz	18	CM CL3	43 lbs	0.272"	500' Box (45)	White (01) Yellow (02) Red (04)
99501	RG59 20BC 100% bonded foil, 95%TC Can be used for Serial Digital applications Tested to 3.0 GHz	20	CM CL3	33 lbs	0.238"		Green (05) Blue (06) Black (08)

Mini Precision Video Coax Cable



99401

Part Number	Description	AWG	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
99401	Mini Coax 23BC 100% bonded foil, 95%TC Can be used for Serial Digital applications Tested to 3.0 GHz	23	CM CL3	18 lbs	0.159"	1,000' Box (46)	White (01) Yellow (02) Red (04) Green (05) Blue (06) Black (08)

Bundled Mini Precision Video Coax Cable



99405

Part Number	Description	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
99403	(3) Mini Coax 23 BC 95%TC - Tested to 3.0 GHz Coaxes colored: Red, Green, Blue	CM	111 lbs	0.460"	250' Reel (04)	Black (08)
99405	(5) Mini Coax 23 BC 95%TC - Tested to 3.0 GHz Coaxes colored: Red, Green, Blue, Yellow, White	CM	146 lbs	0.535"	250' Reel (04) 500' Reel (05)	Black (08)

8 Outlet Adapter-Spaced Surge Protectors

Part Number	Description	Cord Length	Outlets	Joules Rating	Warranty*
04653	8 Outlet Network Surge Protector with EMI/RFI Noise Filtration (1) RJ-45 Network, (1) F-type Coaxial, (1) RJ-31 Telephone	6	8	3000	\$300,000
04649	8 Outlet Home Theater Surge Protector with EMI/RFI Noise Filtration (2) F-type Coaxial, (1) RJ-31 Telephone	6	8	2600	\$200,000
04652	8 Outlet Home Office Surge Protector with EMI/RFI Noise Filtration (2) RJ-31 Telephone	6	8	2250	\$200,000



Smart Strip®

Part Number	Description	Cord Length	Outlets	Joules	Connectivity
04949	6 Outlet SMART STRIP®	3 ft.	6	2250	N/A
04950	6 Outlet SMART STRIP®	3 ft.	6	2250	Phone
04951	6 Outlet SMART STRIP®	3 ft.	6	2250	Coax
04946	10 Outlet SMART STRIP®	3 ft.	10	3600	N/A
04947	10 Outlet SMART STRIP®	3 ft.	10	3600	Phone
04948	10 Outlet SMART STRIP®	3 ft.	10	3600	Phone/2 Coax/Data
04952	10 Outlet SMART STRIP®	3 ft.	10	6000	Phone/2 Coax/Data

How It Works

Smart Strip® monitors the flow of electricity to the Control Outlet and when there is a significant drop, it switches off the power to the Controlled Outlets. So when the control appliance goes into sleep mode or is shut off, the Smart Strip® saves energy and money!

Control Outlet

Plug a computer or television into this outlet. This outlet controls the Controlled Outlets.

Always On Outlets

Plug equipment that should not be turned off, such as a fax machine or cordless phone, into these outlets. The power to these outlets is always on.

Controlled Outlets

Plug peripherals such as a monitor, printer or DVD player into these outlets.



Connectors

The SignalPlus™ Series

Part No.	Description
	06580 Twist-On BNC Male RG59/62 for PVC
	06581 Twist-On BNC Male RG59/62 for Plenum
	06582 Twist-On BNC Male RG6 for PVC
	06583 2 Piece BNC Male Crimp RG59/62 for PVC
	06584 2 Piece BNC Male Crimp RG59/62 for Plenum
	06585 2 Piece BNC Male Crimp RG6 for PVC
	06589 2 Piece BNC Male Crimp w/3 Ferrules RG59 PVC/Plenum & RG PVC
	06586 F Male Crimp with Ring for RG6 Dual Shield
	06587 F Male Crimp with Ring for RG6 Quad Shield
	06588 BNC Inline Splice Female-Female
	06590 BNC TEE Male-Female-Male
	06591 BNC Female to RCA Male

Part No.	Description
	06592 RCA Male to F Female
	06593 F Female to BNC Male
	06594 Right Angle F Male to F Female
	06600 RCA Male Compression Mini RG59
	06596 F Male Compression RG6 Quad
	06598 BNC Male Compression RG59
	06595 F Male Compression RG6
	06597 BNC Male Compression RG6
	06599 BNC Male Compression Mini RG59

Connector Selector

CCI Part No.	BNC 2-Piece Crimp Connector	BNC Twist-On Connector	F Crimp Connector	BNC Compression Connector	F Compression Connector	RCA Compression Connector
99969	06584 / 06589	06581				
99979	06584 / 06589	06581				
993256	06584 / 06589	06581				
92074	06583 / 06589	06580		06598		
92094	06583 / 06589	06580		06598		
99501	06583 / 06589	06580				
99511	06583 / 06589	06580		06598		
993253	06583 / 06589	06580		06598		
991055	06583 / 06589	06580				
92003	06585	06582	06586		06595	
99601	06585	06582	06586			
92041			06587		06596	
920414			06587		06596	
990001			06587		06596	
92045	06585 / 06589	06582	06586	06597		
99401				06599		06600
99403				06599		06600
99405				06599		06600

Our Products are Approved

Approved for use with OnQ, Pass & Seymour, Leviton and other major manufacturers' equipment. Marketed under the Signal[®] brand name, we offer one of the most comprehensive Home Technology cable packages available today. You'll find a Coleman Cable solution for virtually every Home Technology application. Our technical expertise and commitment to innovation ensure the most advanced cable products available today.

Connectivity Partners / System Warranties

Residential Connectivity Partners		
Manufacturer	Products	Warranty Program Available*
OnQ / Legrand	All Products**	OnQ System Warranty
Leviton Integrated Networks	All Products	Leviton System Warranty
Pass & Seymour / Legrand	All Products	P&S System Warranty
HellermannTyton	All Products	HellermannTyton System Warranty
Home Access/SMP	All Products	Home Access System Warranty
Unicom	All Products	Unicom System Warranty
ICC	All Products	ICC System Warranty

Commercial Systems		
Manufacturer	Products	Warranty Program Available*
HellermannTyton	Category 5e, 6	HellermannTyton System Warranty
Hubbell	Category 5e, 6	Signal System Warranty [†]
ICC	Category 5e, 6	ICC System Warranty
Leviton Voice & Data	Category 5e, 6	Signal System Warranty [†]
Ortronics	Category 5e, 6	Signal System Warranty [†]
Panduit NetKey	Category 5e, 6	Panduit NetKey System Warranty
Pass & Seymour / Legrand	Category 5e, 6	P&S System Warranty
Superior Modular Products	Category 5e, 6	SMP System Warranty
Suttle	Category 5e, 6	Suttle System Warranty
Unicom	Category 5e, 6	Unicom System Warranty

* Contact manufacturer for warranty details.

** For RG6 coax, OnQ requires the use of RG6 Quad-shield 60/40%AL with a bare copper center conductor.

[†] Warranty Program identified as "Signal System Warranty" is issued and administered by Coleman Cable in accordance with, and subject to, the terms and conditions available from Coleman Cable Inc. at request. All other warranty programs are issued and administered by the specified connectivity manufacturer. Buyers should contact the applicable connectivity manufacturer for more information regarding the terms and conditions of such third party warranties. Coleman Cable makes no representation or warranties relative to such third party warranties.



Coleman Cable Warranty

At Coleman Cable, we stand by every product we sell and structured cable is no exception. This is why we are pleased to offer a structured cable warranty for Commercial and Residential systems. We have partnered with the top manufacturers in the industry to provide you with a structured cabling system that will be trouble-free for years and years.

PERFORMANCE: Coleman Cable has specifically engineered its structured cable products for optimal performance with today's demanding applications. All Category 5, 5e, and 6 cables meet or exceed relevant TIA/EIA standards to assure lasting performance.

ASSURANCE: Our products are routinely tested to ensure they maintain the highest of standards. All Category 5, 5e, and 6 cables are independently verified by UL or ETL to guarantee performance.

QUALITY: Coleman Cable is an ISO-9001: 2000 manufacturer, committed to continually improving its processes to serve its customers better.

Coleman Cable Inc.

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Packaging Options*

Coleman Cable offers six types of packaging options

- Signa-Coil™
- Pull-Out Box (Rabbit Pull™)
- Knock-Out Box
- Reels
- Reel-in-Box
- Baro-Pak™

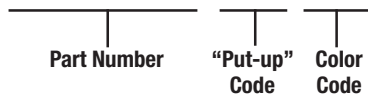
All provide fast and easy cable access. Kinks and twists are eliminated. You get tangle-free cable delivery each and every time. These durable, compact designs save on installation time while reducing waste and material costs. They can be easily stacked to save room.

**Not all options are available for each product*



Coleman Cable Part Legend

XXXXXX-XX-XX



Put-ups	Code	Colors	Code
Reel, 250 ft	04	White	01
Reel, 500 ft	05	Yellow	02
Reel, 1,000 ft	06	Orange	03
Reel-in-box, 1,000 ft	16	Red	04
RabbitPull™ Pull-Box, 500 ft	45	Green	05
RabbitPull™ Pull-Box, 1,000 ft	46	Blue	06
Signa-Coil™ 250 ft	54	Brown	07
Signa-Coil™ 500 ft	55	Black	08
Signa-Coil™ 1,000 ft	56	Gray	09
		Pink	11
		Purple	13
		Clear	18
		Fluorescent	
		Pink	21
		Ivory	22
		Natural	23
		Beige	33
		Red Striped	
		CorraClad™	44

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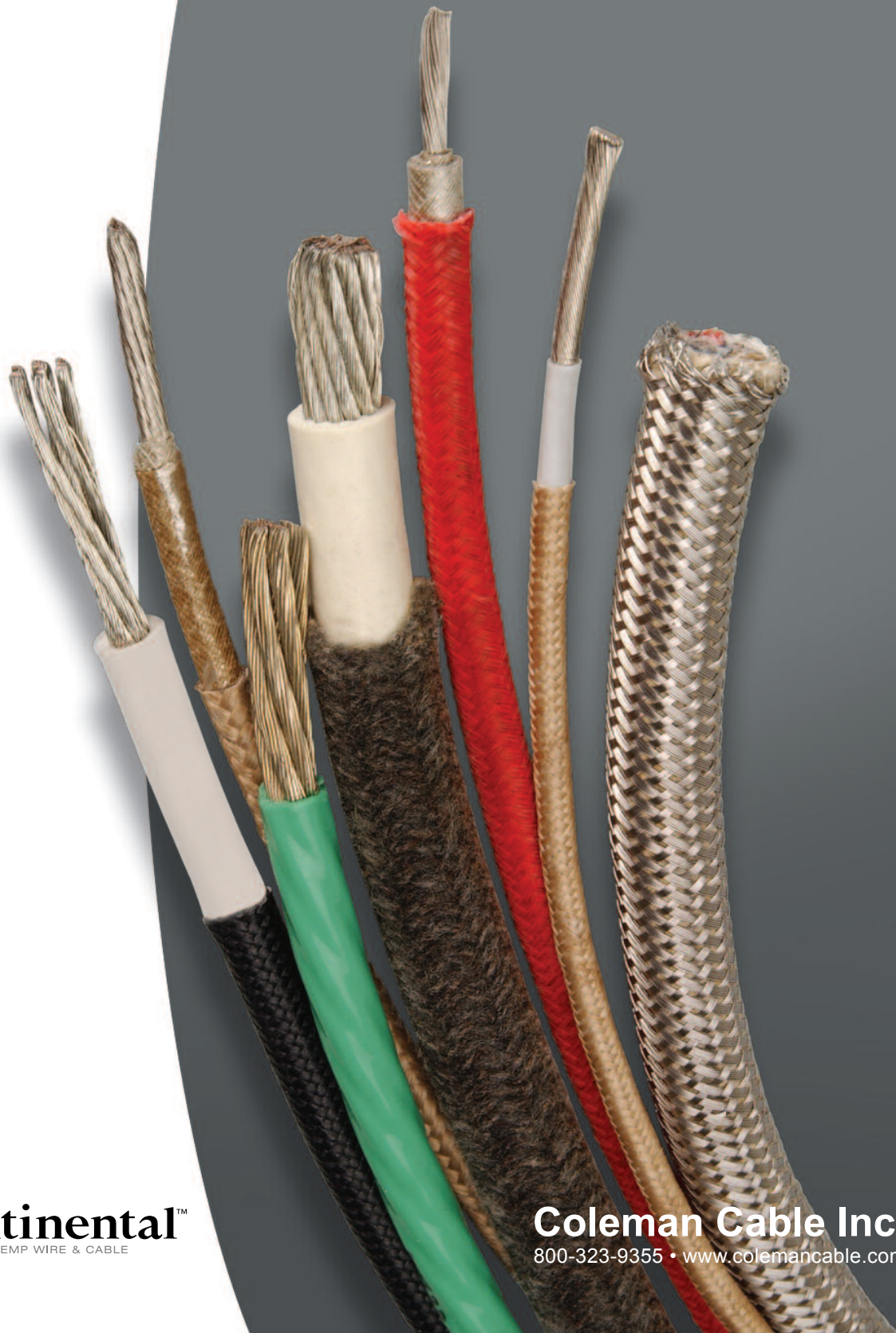
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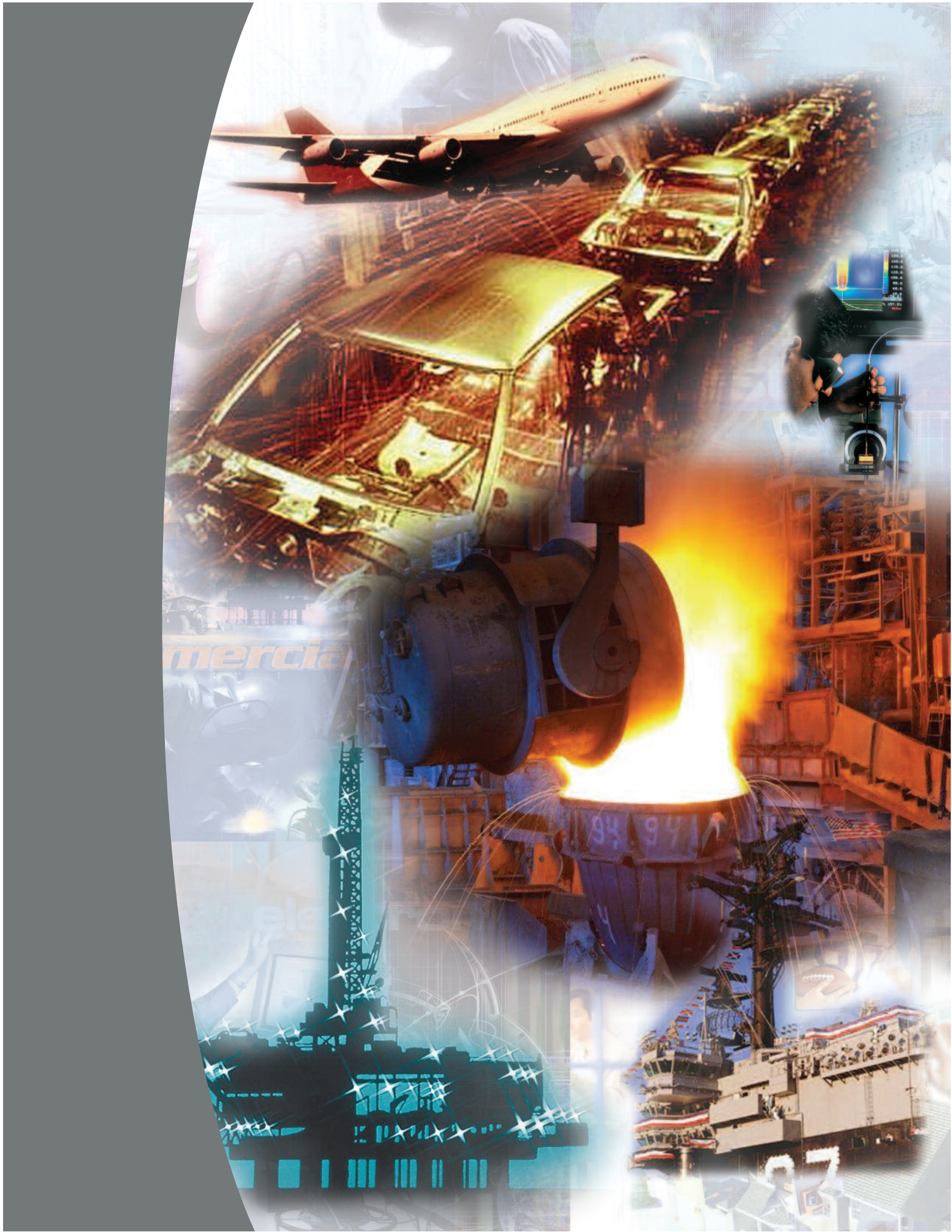


INDUSTRIAL

Continental™ High Temp Catalog



Coleman Cable Inc.
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For 40 years, Coleman Cable (CCI) has been a leader in the development of innovative wire and cable products, offering one of the most diversified lines available today. Our brands are some of the strongest and most respected in the wire and cable industry, brand names like Signal[®], Seoprene[®], Baron[®], Royal[®], Copperfield[®], Woods[®], First Capito[®], and Continental[™] Wire.

Continental[™] Wire, now a premium brand of CCI, manufactures a broad line of high temperature products. From lead wires for appliances sold in consumer markets to specialty wires for commercial use in heater elements, lighting, and motor applications. Continental's "Ultra High Temp" is designed for rugged environments and have been proven to meet the needs of many industries including glass plants, steel plants, and oil refineries.

CCI's growing manufacturing capabilities allow us to offer one of the most complete high temperature, tray, instrumentation and thermocouple cable in the industry — providing solutions for industries as diverse as oil & gas, petrochemical, utility, renewable energy, food processing, pulp & paper, automotive, steel and glass.

Coleman Cable utilizes more than 2 million square feet of strategically located, state-of-the-art, ISO-certified manufacturing and distribution facilities. We back our products with outstanding customer service and provide all of the technical application support and assistance you need. Count on CCI to be your complete cable solution, and you'll be able to handle today's toughest applications... and tomorrow's.

We also invite you to visit our website at www.colemancable.com where can search our full line catalog and view detailed specification sheets. Should you need more information on products, application or standards, do not hesitate to call us. 1-800-323-9355.



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SF-2 SEW-2 200C 600V

Silicone Rubber Glass Braid Fixture Wire

CONDUCTOR: • #18 AWG – #6 AWG stranded tinned, annealed copper per ASTM B33

INSULATION: • Silicone Rubber
• A fiberglass braid jacket is applied over the insulation, then treated with a high temperature lacquer finish

VOLTAGE: • 600V

TEMPERATURE: • 200°C

APPLICATIONS: • Used for internal wiring of appliances, electrical equipment, and lighting fixtures, as well as hazardous location motors

OPTIONS: • Colors available upon request

INDUSTRY APPROVALS: • 18 AWG – 14 AWG are UL approved as fixture wire (SF-2)
• UL appliance wire approvals as listed
• CSA approved as equipment wire (SEW-2) as well as appliance wire

FEATURES & BENEFITS: • Excellent Electrical Properties
• Good Chemical Resistance
• Contains no Chlorine or other halogens
• Fungus Resistant



SF-2 SEW-2

Part Number	Gauge	Stranding	Insulation Thickness	Fiberglass Braid	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
C0186A	18	7/.0152	0.030	.005	0.120	12.5	200°C	3071/SF-2/SEW-2
C0166A	16	7/.0192	0.030	.005	0.130	16	200°C	3071/SF-2/SEW-2
C0146A	14	7/.0242	0.030	.005	0.145	22	200°C	3071/SF-2/SEW-2
C0126A	12	19/.0179	0.030	.005	0.165	32	200°C	3074
C0106A	10	19/.0234	0.045	.005	0.220	54	200°C	3075
C0086A	8	54/.0179	0.060	.007	0.295	90	200°C	3231
C0066A	6	84/.0179	0.060	.007	0.325	125	200°C	3231

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

SFF-2 SEWF-2 150C 600V

Silicone Rubber Glass Braid Fixture Wire - Flexible Stranded Conductors

SFF-2 SEWF-2



CONDUCTOR: • #18 AWG – #10 AWG flexible stranded tinned, annealed copper per ASTM B33

INSULATION: • Silicone Rubber
• A fiberglass braid jacket is applied over the insulation, then treated with a high temperature lacquer finish

VOLTAGE: • 600V

TEMPERATURE: • 150°C

APPLICATIONS: • Used as motor lead wire or the wiring of electrical equipment and lighting fixtures, as well as hazardous location motors

OPTIONS: • Colors available upon request

INDUSTRY APPROVALS: • 18 AWG – 14 AWG are UL approved as fixture wire (SFF-2)
• UL appliance wire approvals as listed
• CSA approved as equipment wire (SEWF-2) as well as appliance wire

FEATURES & BENEFITS: • Excellent Electrical Properties
• Good Chemical Resistance
• Contains no Chlorine or other halogens
• Fungus Resistant

Part Number	Gauge	Stranding	Insulation Thickness	Fiberglass Braid	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
C0186B	18	16/.0100	0.030	.005	0.121	11	150°C	3070/SFF-2/SEWF-2
C0166B	16	26/.0100	0.030	.005	0.132	16	150°C	3070/SFF-2/SEWF-2
C0146B	14	41/.0100	0.030	.005	0.150	22	150°C	3070/SFF-2/SEWF-2
C0126B	12	65/.0100	0.030	.005	0.170	31	150°C	3070
C0106B	10	105/.0100	0.045	.005	0.227	52	150°C	3101

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

SRG ML 150C-200C 600V

Silicone Rubber Glass Braid

- CONDUCTOR:** • #18 AWG – 750 MCM flexible stranded tinned, annealed copper per ASTM B33
- INSULATION:** • Silicone Rubber
• A fiberglass braid jacket is applied over the insulation, then treated with a high temperature lacquer finish
- VOLTAGE:** • 600 Volts – #18 AWG - #6 AWG
• 600 Volts – #4 AWG - 4/0 AWG
- TEMPERATURE:** • 150° C – #18 AWG - #6 AWG
• 200° C – #4 AWG - 4/0 AWG
- APPLICATIONS:** • Used as motor lead wire or wiring of electrical equipment and lighting fixtures, where flexibility is required
- OPTIONS:** • Colors available upon request

- INDUSTRY APPROVALS:** • UL: AWM CSA: AWM I A/B FT2
• UL Style as listed. All sizes are recognized by CSA as appliance wire.
• 18 AWG – 6 AWG is CSA certified as equipment wire (SEWF-2);
• 4 AWG – 4/0 AWG is certified as equipment wire (SEW-2)

- FEATURES & BENEFITS:** • Excellent Electrical Properties
• Good Chemical Resistance
• Contains no Chlorine or other halogens
• Fungus Resistant



SRG ML

Part Number	Gauge	Stranding	Insulation Thickness	Fiberglass Braid	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
C0186B	18	16/.0100	0.030	.005	0.120	12	150°C	3070
C0166B	16	26/.0100	0.030	.005	0.130	16	150°C	3070
C0146B	14	41/.0100	0.030	.005	0.150	22	150°C	3070
C0126B	12	65/.0100	0.030	.005	0.170	32	150°C	3070
C0106B	10	105/.0100	0.045	.005	0.230	54	150°C	3101
C0086B	8	133/.0111	0.060	.005	0.305	93	150°C	3278
C00602	6	133/.0142	0.060	.005	0.320	110	150°C	3278
C00412	4	133/.0177	0.060	.005	0.380	160	200°C	3231
C00208	2	133/.0223	0.060	.005	0.420	240	200°C	3231
C00106	1	259/.0177	0.080	.005	0.560	355	200°C	3231
C01T07	1/0	259/.0202	0.080	.007	0.575	390	200°C	3231
C02T07	2/0	259/.0229	0.080	.007	0.605	490	200°C	3231
C03T03	3/0	259/.0255	0.080	.007	0.665	600	200°C	3231
C04T04	4/0	259/.0286	0.080	.007	0.765	800	200°C	3231

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.



SRK ML 150C-200C 600V

Silicone Rubber Kevlar (Aramid Fiber) Braid

SRK ML



CONDUCTOR: • #18 AWG – 750MCM flexible stranded tinned, annealed copper per ASTM B33

INSULATION: • Silicone Rubber
• A Kevlar Aramid Fiber braid jacket is applied over the insulation, then treated with a high temperature lacquer finish

VOLTAGE: • 600 Volts – #18 AWG - #6 AWG
• 600 Volts – #4 AWG - 750 MCM

TEMPERATURE: • 150° C – #18 AWG - #6 AWG
• 200° C – #4 AWG - 750 MCM

APPLICATIONS: • Used for leads to motors, transformers or other electrical equipment, also in equipment where hazardous, and/or high temperature, conditions exist requiring flexible heat resistant conductors at 600 volts

OPTIONS: • Colors available upon request

INDUSTRY APPROVALS: • UL Style: 3410
• CSA: AWM I A/B FT2

FEATURES & BENEFITS: • K Fiber Braid provides additional mechanical strength and abrasion resistance
• Excellent Electrical Properties
• Good Chemical Resistance
• Contains no Chlorine or other halogens
• Fungus Resistant

Part Number	Gauge	Stranding	Insulation Thickness	K Fiber Braid	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
C01891*	18	16/.0100	0.045	0.025	0.188	17	150°C	-
C01666*	16	26/.0100	0.045	0.025	0.199	22	150°C	-
C014H9*	14	41/.0100	0.045	0.025	0.220	30	150°C	3410
C01293*	12	65/.0100	0.045	0.025	0.240	40	150°C	3410
C01038*	10	105/.0100	0.045	0.025	0.270	50	150°C	3410
C00806*	8	133/.0111	0.060	0.040	0.375	90	150°C	3410
C00601*	6	133/.0142	0.060	0.040	0.390	110	150°C	3410
C00408	4	133/.0177	0.060	0.040	0.455	160	200°C	3410
C00222	2	133/.0223	0.060	0.040	0.490	240	200°C	3410
C00101	1	259/.0177	0.080	0.040	0.625	360	200°C	3410
C01T17	1/0	259/.0202	0.080	0.040	0.640	390	200°C	3410
C02T15	2/0	259/.0229	0.080	0.040	0.670	490	200°C	3410
C03T10	3/0	259/.0255	0.080	0.040	0.735	600	200°C	3410
C04T02	4/0	259/.0286	0.080	0.040	0.835	795	200°C	3410
C02507	250MCM	427/.0255	0.100	0.040	0.920	960	200°C	3410
C03507	350MCM	427/.0286	0.100	0.040	1.040	1310	200°C	3410
C05M06	500MCM	427/.0342	0.100	0.040	1.200	1830	200°C	3410
C07504	750MCM	703/.0327	0.115	0.040	1.455	2720	200°C	3410

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

*18 - 6 AWG 200°C available with appropriate conductor stranding.

SRGT 200C 600V UL 3568 CCC - Critical Circuit Cable

Silicone Rubber Glass Braid – FEP Jacket

- CONDUCTOR:**
- #18 AWG – #4/0 AWG stranded tinned, annealed copper per ASTM B33
 - Product requires NPC conductor on 10 AWG and smaller in order to pass the Modified Mil-W-25038 Circuit Integrity Test
- INSULATION:**
- Silicone Rubber
 - A fiberglass braid jacket is applied over the insulation, then covered with an extruded FEP fluoropolymer jacket
- VOLTAGE:**
- 600V
- TEMPERATURE:**
- 200°C
- APPLICATIONS:**
- Used in environments where wire will come into contact with chemicals, oils or gas and where circuit integrity is required when exposed to flame, such as MOVs at refineries and petrochemical plants
 - Also used for critical circuits in steel mills, aluminum plants, paper mills and power generating facilities

- OPTIONS:**
- Colors available upon request

- INDUSTRY APPROVALS:**
- UL Style 3568
 - CSA: AWM I A/B FT2
 - Passes IEEE 383 and UL 1277 Vertical Cable Tray flame tests (70,000 BTU/Hr) and the ICEA T-29-520 flame test (210,000 BTU/Hr)
 - Passes the UL 44 VW-1 Vertical flame test
 - Passes the Mil-W-25038 Flame Resistance test (Extended to 60 minutes) while maintaining circuit integrity

- FEATURES & BENEFITS:**
- FEP Jacket provides excellent oil and chemical resistance
 - Low Coefficient of friction makes installation easier
 - Improved moisture resistance
 - Excellent Electrical Properties
 - Good Chemical Resistance
 - Fungus Resistant



SRGT

Part Number	Gauge	Stranding	Insulation Thickness	Fiberglass Braid	FEP Jacket Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
COT180	18	7/.0152	0.030	.005	0.010	0.140	15	200°C	3568
COT160	16	7/.0192	0.030	.005	0.010	0.150	20	200°C	3568
COT140	14	7/.0242	0.030	.005	0.010	0.165	30	200°C	3568
COT120	12	19/.0179	0.030	.005	0.010	0.190	40	200°C	3568
COT100	10	19/.0234	0.045	.005	0.010	0.245	60	200°C	3568
COT080	8	54/.0179	0.060	.005	0.012	0.310	95	200°C	3568
COT060	6	84/.0179	0.060	.005	0.012	0.225	115	200°C	3568
COT040	4	133/.0177	0.060	.0075	0.012	0.410	165	200°C	3568
COT020	2	133/.0223	0.060	.0075	0.012	0.450	245	200°C	3568
COT010	1	259/.0177	0.080	.0075	0.017	0.585	375	200°C	3568
COT1T0	1/0	259/.0202	0.080	.0075	0.017	0.610	385	200°C	3568
COT2T0	2/0	259/.0229	0.080	.0075	0.017	0.645	505	200°C	3568
COT3T0	3/0	259/.0255	0.080	.0075	0.017	0.705	620	200°C	3568
COT4T0	4/0	259/.0286	0.080	.0075	0.017	0.805	810	200°C	3568

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.



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SRX 200C 600V UL 3512/3604

Silicone Rubber Lead Wire

We've added the "X" and eliminated the "Itch"

SRX



CONDUCTOR: • #18 AWG – #4/0 AWG stranded tinned, annealed copper per ASTM B33

INSULATION: • Composite Silicone Rubber with fiberglass reinforcement layer

VOLTAGE: • 600 Volts

TEMPERATURE: • 200° C

APPLICATIONS: • Internal wiring of appliances where totally enclosed

OPTIONS: • Available in all colors

INDUSTRY APPROVALS: • UL Style: 3512/3604
• CSA: AWM I A/B FT2

FEATURES & BENEFITS: • Improved flexibility over braided constructions
• Eliminates all of the drawbacks of a fiberglass braided product
• No More Fraying
• No More Flowering
• No More Itching

Part Number	Gauge	Stranding	Insulation Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
C0186X	18	7/.0152	.031	.124	11	200°C	3512/3604
C0166X	16	7/.0192	.031	.135	15	200°C	3512/3604
C0146X	14	7/.0242	.031	.146	21	200°C	3512/3604
C1026X	12	19/.0179	.031	.164	30	200°C	3512/3604
C0106X	10	19/.0234	.031	.212	52	200°C	3512/3604
C0086X	8	54/.0179	.047	.274	90	200°C	3512/3604
C0066X	6	84/.0179	.062	.245	110	200°C	3512/3604
C0046X	4	133/.0177	.062	.385	155	200°C	3512/3604
C0026X	2	133/.0233	.062	.455	235	200°C	3512/3604
C0016X	1	259/.0177	.082	.525	350	200°C	3512/3604
C01T6X	1/0	259/.0202	.082	.565	385	200°C	3512/3604
C02T6X	2/0	259/.0229	.082	.610	485	200°C	3512/3604
C03T6X	3/0	259/.0255	.082	.660	595	200°C	3512/3604
C04T6X	4/0	259/.0286	.082	.720	795	200°C	3512/3604

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

FEP 200C 300V UL 1332

UL/CSA Approved Lead Wire

CONDUCTOR: • #24 AWG – #10 AWG solid or stranded tinned, annealed copper per ASTM B33

INSULATION: • Extruded FEP fluoropolymer jacket

VOLTAGE: • 300 Volts

TEMPERATURE: • 200° C

APPLICATIONS: • Used for wiring of electric heaters, appliances, thermocouples, gas igniters, electrical and electronic components, and other products that require a temperature rating up to 200° C

OPTIONS: • Available in all colors

INDUSTRY APPROVALS: • UL Style: 1332
• CSA AWM I A/B

FEATURES & BENEFITS: • Excellent chemical resistance
• Excellent resistance to fluids
• Low coefficient of friction makes installation easier
• Good mechanical strength



Part Number	Gauge	Stranding	Insulation Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
C3243Z*	24	7/.008	0.013	0.060	4	200°C	1332
C3223Z*	22	7/.010	0.013	0.055	5	200°C	1332
C3203Z*	20	7/.0126	0.013	0.065	7	200°C	1332
C3183A	18	7/.0159	0.013	0.075	9	200°C	1332
C3163A	16	7/.0192	0.013	0.085	12	200°C	1332
C3143A	14	7/.0242	0.013	0.095	16	200°C	1332
C3123A	12	19/.0179	0.013	0.115	23	200°C	1332
C3103A	10	37/.0159	0.013	0.145	33	200°C	1332

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

*NPC Conductor required for 200°C Rating

FEP 200C 600V UL 1901

UL/CSA Approved Lead Wire

FEP



CONDUCTOR: • #24 AWG – #4/0 AWG solid or stranded tinned, annealed copper per ASTM B33

INSULATION: • Extruded FEP fluoropolymer jacket

VOLTAGE: • 600V

TEMPERATURE: • 200°C

APPLICATIONS: • For further processing in cables

OPTIONS: • Available in all colors

INDUSTRY APPROVALS: • UL Style 1901
• CSA AWM I A/B

FEATURES & BENEFITS: • Smaller diameter than standard UL style 1330
• Excellent chemical resistance
• Excellent resistance to fluids
• Low coefficient of friction makes installation easier
• Good mechanical strength

Part Number	Gauge	Stranding	Insulation Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
C3246X*	24	7/.008	0.015	0.055	4	200°C	1901
C3226X*	22	7/.010	0.015	0.060	5	200°C	1901
C3206X*	20	7/.0126	0.015	0.070	7	200°C	1901
C3186B	18	7/.0159	0.015	0.080	10	200°C	1901
C3166B	16	7/.0192	0.015	0.090	12	200°C	1901
C3146B	14	7/.0242	0.015	0.100	16	200°C	1901
C3126B	12	19/.0179	0.015	0.120	24	200°C	1901
C3106B	10	37/.0159	0.015	0.150	32	200°C	1901
C3086B	8	54/.0179	0.020	0.200	55	200°C	1901
C3066B	6	84/.0179	0.020	0.235	85	200°C	1901
C3046B	4	133/.0177	0.020	0.280	130	200°C	1901
C3026B	2	133/.0223	0.020	0.325	195	200°C	1901
C3016B	1	259/.0177	0.030	0.430	290	200°C	1901
C31T6B	1/0	259/.0202	0.030	0.460	320	200°C	1901
C32T6B	2/0	259/.0229	0.030	0.485	430	200°C	1901
C33T6B	3/0	259/.0255	0.030	0.545	605	200°C	1901
C34T6B	4/0	259/.0286	0.030	0.645	705	200°C	1901

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

*NPC Conductor required for 200°C Rating

FEP 200C 600V UL 1330

UL/CSA Approved Lead Wire

CONDUCTOR: • #24 AWG – #4/0 AWG solid or stranded tinned, annealed copper per ASTM B33

INSULATION: • Extruded FEP fluoropolymer jacket

VOLTAGE: • 600V

TEMPERATURE: • 200°C

APPLICATIONS: • Used for wiring of electric heaters, appliances, thermocouples, gas igniters, electrical and electronic components, and other products that require a temperature rating up to 200° C

OPTIONS: • Available in all colors

INDUSTRY APPROVALS: • UL Style 1330
• CSA AWM I A/B

FEATURES & BENEFITS: • Excellent chemical resistance
• Excellent resistance to fluids
• Low coefficient of friction makes installation easier
• Good mechanical strength



FEP

Part Number	Gauge	Stranding	Insulation Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
C3246Z*	24	7/.008	0.020	0.065	4	200°C	1330
C3226Z*	22	7/.010	0.020	0.070	5	200°C	1330
C3206Z*	20	7/.0126	0.020	0.080	7	200°C	1330
C3186A	18	7/.0159	0.020	0.090	10	200°C	1330
C3166A	16	7/.0192	0.020	0.100	13	200°C	1330
C3146A	14	7/.0242	0.020	0.110	17	200°C	1330
C3126A	12	19/.0179	0.020	0.130	25	200°C	1330
C3106A	10	37/.0159	0.020	0.160	35	200°C	1330
C3086A	8	54/.0179	0.030	0.220	60	200°C	1330
C3066A	6	84/.0179	0.030	0.235	95	200°C	1330
C3046A	4	133/.0177	0.030	0.295	145	200°C	1330
C3026A	2	133/.0223	0.030	0.340	220	200°C	1330
C3016A	1	259/.0177	0.045	0.460	320	200°C	1330
C31T6A	1/0	259/.0202	0.045	0.485	360	200°C	1330
C32T6A	2/0	259/.0229	0.045	0.515	460	200°C	1330
C33T6A	3/0	259/.0255	0.045	0.575	565	200°C	1330
C34T6A	4/0	259/.0286	0.045	0.675	755	200°C	1330

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

*NPC Conductor required for 200°C Rating



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FEP 200C 1000V UL 10203

UL/CSA Approved Lead Wire

FEP



CONDUCTOR: • #22 AWG – #4/0 AWG stranded tinned, annealed copper per ASTM B33

INSULATION: • Extruded FEP fluoropolymer jacket

VOLTAGE: • 1000V

TEMPERATURE: • 200°C

APPLICATIONS: • Used for internal wiring of appliances
• This product is suitable for immersion in gasoline, gasoline vapor, and immersion in oil to 80°C

OPTIONS: • Available in all colors

INDUSTRY APPROVALS: • UL Style: 10203
• CSA AWM I A/B

FEATURES & BENEFITS: • Excellent chemical resistance
• Excellent resistance to fluids
• Low coefficient of friction makes installation easier
• Good mechanical strength

Part Number	Gauge	Stranding	Insulation Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
C3229Z*	22	7/.0100	0.020	0.070	5	200°C	10203
C3209Z*	20	7/.0126	0.020	0.080	7	200°C	10203
C3189A	18	7/.0159	0.020	0.090	10	200°C	10203
C3169A	16	7/.0192	0.020	0.100	13	200°C	10203
C3149A	14	7/.0242	0.020	0.110	17	200°C	10203
C3129A	12	19/.0179	0.020	0.130	25	200°C	10203
C3109A	10	37/.0159	0.020	0.160	35	200°C	10203
C3089A	8	54/.0179	0.030	0.220	60	200°C	10203
C3069A	6	84/.0179	0.030	0.235	95	200°C	10203
C3049A	4	133/.0177	0.030	0.295	145	200°C	10203
C3029A	2	133/.0223	0.030	0.340	220	200°C	10203
C3019A	1	259/.0177	0.045	0.460	320	200°C	10203
C31T9A	1/0	259/.0202	0.045	0.485	360	200°C	10203
C32T9A	2/0	259/.0229	0.045	0.515	460	200°C	10203
C33T9A	3/0	259/.0255	0.045	0.575	565	200°C	10203
C34T9A	4/0	259/.0286	0.045	0.675	755	200°C	10203

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

*NPC Conductor required for 200°C Rating

FEP 200C 600V UL TYPE FEP

UL/CSA Approved Lead Wire

CONDUCTOR: • #14 AWG – #2 AWG solid or stranded tinned, annealed copper per ASTM B33

INSULATION: • Extruded FEP fluoropolymer jacket

VOLTAGE: • 600V

TEMPERATURE: • 200°C dry locations - special applications
• 90°C dry and damp locations

APPLICATIONS: • For use in accordance with the National Electric Code, Article 310

OPTIONS: • Available in all colors

INDUSTRY APPROVALS: • UL Type FEP
• CSA AWM I A/B

FEATURES & BENEFITS: • Excellent chemical resistance
• Excellent resistance to fluids
• Low coefficient of friction makes installation easier
• Good mechanical strength



FEP

Part Number	Gauge	Stranding	Insulation Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating	UL TYPE
C3146F	14	7/.0242	0.020	0.110	17	200°C	FEP
C3126F	12	19/.0179	0.020	0.130	25	200°C	FEP
C3106F	10	37/.0159	0.020	0.160	35	200°C	FEP
C3086F	8	54/.0179	0.030	0.220	60	200°C	FEP
C3066F	6	84/.0179	0.030	0.235	95	200°C	FEP
C3046F	4	133/.0177	0.030	0.295	145	200°C	FEP
C3026F	2	133/.0223	0.030	0.340	220	200°C	FEP

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

FEP 200C 600V UL TYPE FEPB

UL/CSA Approved Lead Wire

FEP



CONDUCTOR: • #24 AWG – #2 AWG solid or stranded tinned, annealed copper per ASTM B33

INSULATION: • Extruded FEP fluoropolymer jacket with a treated fiberglass braid jacket

VOLTAGE: • 600V

TEMPERATURE: • 200°C dry locations - special applications
• 90°C dry and damp locations

APPLICATIONS: • For use in accordance with the National Electric Code, Article 310

OPTIONS: • Available in all colors

INDUSTRY APPROVALS: • UL Type FEPB
• CSA AWM I A/B

FEATURES & BENEFITS: • Excellent chemical resistance
• Excellent resistance to fluids
• Low coefficient of friction makes installation easier
• Good mechanical strength

Part Number	Gauge	Stranding	Insulation Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating	UL TYPE
C3146G	14	7/.0242	0.014	0.110	16	200°C	FEPB
C3126G	12	19/.0179	0.014	0.130	25	200°C	FEPB
C3106G	10	37/.0159	0.014	0.160	35	200°C	FEPB
C3086G	8	54/.0179	0.014	0.205	60	200°C	FEPB
C3066G	6	84/.0179	0.014	0.220	95	200°C	FEPB
C3046G	4	133/.0177	0.014	0.280	145	200°C	FEPB
C3026G	2	133/.0223	0.014	0.320	220	200°C	FEPB

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

TEFZEL® (ETFE) 200C 300V UL 10109

UL/CSA Approved Lead Wire

CONDUCTOR: • #24 AWG – #4/0 AWG solid or stranded tinned, annealed copper per ASTM B33

INSULATION: • Extruded Tefzel® (ETFE) fluoropolymer jacket

VOLTAGE: • 300V

TEMPERATURE: • 200°C

APPLICATIONS: • Used for wiring of electric heaters, appliances, thermocouples, gas igniters, electrical and electronic components, and other products up to 200° C

OPTIONS: • Available in all colors

INDUSTRY APPROVALS: • UL Style 10109
• CSA AWM I A/B

FEATURES & BENEFITS: • Excellent chemical resistance
• Excellent resistance to fluids
• Excellent resistance to cut through
• Low coefficient of friction makes installation easier
• Good/Excellent mechanical strength



TEFZEL® (ETFE)

Part Number	Gauge	Stranding	Insulation Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
C2243X*	24	7/.008	0.006	0.038	2	200°C	10109
C2223X*	22	7/.010	0.006	0.044	3	200°C	10109
C2203X*	20	7/.0126	0.006	0.052	4	200°C	10109
C2183A	18	7/.0159	0.006	0.062	7	200°C	10109
C2163A	16	7/.0192	0.008	0.072	9	200°C	10109
C2143A	14	7/.0242	0.008	0.087	14	200°C	10109
C2123A	12	19/.0179	0.010	0.115	23	200°C	10109
C2103A	10	37/.0159	0.010	0.139	35	200°C	10109
C2083A	8	54/.0179	0.025	0.220	65	200°C	10109
C2063A	6	84/.0179	0.025	0.243	97	200°C	10109
C2043A	4	133/.0177	0.025	0.319	150	200°C	10109
C2023A	2	133/.0223	0.035	0.408	243	200°C	10109
C2013A	1	259/.0177	0.035	0.451	303	200°C	10109
C21T3A	1/0	259/.0202	0.045	0.518	389	200°C	10109
C22T3A	2/0	259/.0229	0.045	0.571	484	200°C	10109
C23T3A	3/0	259/.0255	0.045	0.610	565	200°C	10109
C24T3A	4/0	259/.0286	0.045	0.695	726	200°C	10109

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

* NPC Conductor required for 200°C Rating.

Tefzel is a registered trademark of E.I. DuPont de Nemours.



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TEFZEL® (ETFE) 200C 600V UL 10086

UL/CSA Approved Lead Wire

TEFZEL® (ETFE)



CONDUCTOR: • #24 AWG – #4/0 AWG solid or stranded tinned, annealed copper per ASTM B33

INSULATION: • Extruded Tefzel® (ETFE) fluoropolymer jacket

VOLTAGE: • 600V

TEMPERATURE: • 200°C

APPLICATIONS: • Used for wiring of electric heaters, appliances, thermocouples, gas igniters, electrical and electronic components, and other products up to 200° C

OPTIONS: • Available in all colors

INDUSTRY APPROVALS: • UL Style 10086
• CSA AWM I A/B

FEATURES & BENEFITS: • Excellent chemical resistance
• Excellent resistance to fluids
• Excellent resistance to cut through
• Low coefficient of friction makes installation easier
• Good/Excellent mechanical strength

Part Number	Gauge	Stranding	Insulation Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
CZ246X*	24	7/.008	0.010	0.046	2	200°C	10086
CZ226X*	22	7/.010	0.010	0.052	3	200°C	10086
CZ206X*	20	7/.0126	0.010	0.060	4	200°C	10086
CZ186A	18	7/.0159	0.010	0.068	7	200°C	10086
CZ166A	16	7/.0192	0.010	0.080	10	200°C	10086
CZ146A	14	7/.0242	0.010	0.095	16	200°C	10086
CZ126A	12	19/.0179	0.015	0.125	25	200°C	10086
CZ106A	10	37/.0159	0.015	0.149	37	200°C	10086
CZ086A	8	54/.0179	0.025	0.220	66	200°C	10086
CZ066A	6	84/.0179	0.025	0.243	97	200°C	10086
CZ046A	4	133/.0177	0.025	0.319	150	200°C	10086
CZ026A	2	133/.0223	0.035	0.408	243	200°C	10086
CZ016A	1	259/.0177	0.035	0.451	303	200°C	10086
CZ1T6A	1/0	259/.0202	0.045	0.518	389	200°C	10086
CZ2T6A	2/0	259/.0229	0.045	0.571	463	200°C	10086
CZ3T6A	3/0	259/.0255	0.045	0.610	565	200°C	10086
CZ4T6A	4/0	259/.0286	0.045	0.695	726	200°C	10086

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

*NPC Conductor required for 200°C Rating.

Tefzel is a registered trademark of E.I. DuPont de Nemours.

TEFZEL® (ETFE) 150C (302F) 600V TYPE Z

150°C (302°F) Building Wire Tefzel Insulated 600 Volt Type Z

CONDUCTOR: • #14 AWG – #4/0 AWG solid or stranded tinned, annealed copper per ASTM B33

INSULATION: • Extruded Tefzel® (ETFE) fluoropolymer jacket

VOLTAGE: • 600V

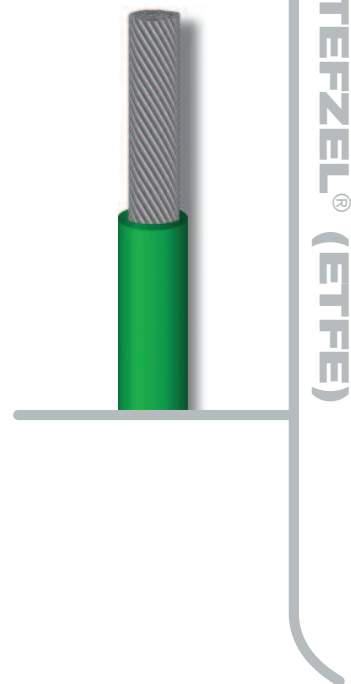
TEMPERATURE: • 150°C

APPLICATIONS: • 90°C Dry and Damp Locations
• 150°C Dry Locations - Special Applications
• For use in accordance with Article 310 of the National Electrical Code

OPTIONS: • Available in all colors

INDUSTRY APPROVALS: • CSA AWM I A/B

FEATURES & BENEFITS: • Type Z lead wires are 20% smaller in diameter than braided cables allowing more circuits per conduit
• Excellent chemical resistance
• Excellent resistance to fluids
• Excellent resistance to cut through
• Low coefficient of friction makes installation easier
• Good/Excellent mechanical strength



Part Number	Gauge	Stranding	Insulation Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
CZ146Z	14	7/.0242	0.015	0.105	16	150°C	NEC Type Z
CZ126Z	12	7/.0305	0.015	0.125	25	150°C	NEC Type Z
CZ106Z	10	7/.0385	0.020	0.160	37	150°C	NEC Type Z
CZ086Z	8	133/.0111	0.025	0.220	66	150°C	NEC Type Z
CZ066Z	6	133/.0142	0.025	0.243	97	150°C	NEC Type Z
CZ046Z	4	133/.0177	0.025	0.319	150	150°C	NEC Type Z
CZ026Z	2	133/.0223	0.035	0.408	243	150°C	NEC Type Z
CZ016Z	1	259/.0177	0.035	0.451	303	150°C	NEC Type Z
CZ1T6Z	1/0	259/.0202	0.045	0.518	389	150°C	NEC Type Z
CZ2T6Z	2/0	259/.0229	0.045	0.571	463	150°C	NEC Type Z
CZ3T6Z	3/0	259/.0255	0.045	0.610	565	150°C	NEC Type Z
CZ4T6Z	4/0	259/.0286	0.045	0.695	726	150°C	NEC Type Z

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

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PFA 250C 300V UL 1726

UL/CSA Approved Lead Wire

PFA



CONDUCTOR: • #24 AWG – #4/0 AWG stranded, annealed nickel plated copper per ASTM B33

INSULATION: • Extruded PFA fluoropolymer jacket

VOLTAGE: • 300V

TEMPERATURE: • 250°C

APPLICATIONS: • Used for wiring of electric heaters, appliances, thermocouples, gas igniters, electrical and electronic components and other products that require a temperature rating up to 250° C

OPTIONS: • Available in all colors

INDUSTRY APPROVALS: • UL Style 1726
• CSA AWM I A/B FT1

FEATURES & BENEFITS: • Excellent chemical resistance
• Excellent resistance to fluids
• Low coefficient of friction makes installation easier
• Good mechanical strength

Part Number	Gauge	Stranding	Insulation Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
GP243A	24	7/.008	0.013	0.05	4	250°C	1726
CP223A	22	10/.0058	0.013	0.055	5	250°C	1726
CP203A	20	19/.0073	0.013	0.065	7	250°C	1726
CP183A	18	19/.0092	0.013	0.075	10	250°C	1726
CP163A	16	19/.0117	0.013	0.085	13	250°C	1726
CP143A	14	19/.0147	0.013	0.110	16	250°C	1726
CP123A	12	19/.0185	0.013	0.115	22	250°C	1726
CP103A	10	37/.0159	0.013	0.145	32	250°C	1726
CP083A	8	133/.0111	0.020	0.210	64	250°C	1726
CP063A	6	133/.0141	0.020	0.250	97	250°C	1726
CP043A	4	133/.0177	0.030	0.325	160	250°C	1726
CP023A	2	133/.0223	0.030	0.395	235	250°C	1726
CP013A	1	259/.0177	0.045	0.470	320	250°C	1726
CPIT3A	1/0	259/.0202	0.045	0.515	400	250°C	1726
CPT23A	2/0	259/.0229	0.045	0.570	495	250°C	1726
CP3T3A	3/0	259/.0255	0.045	0.610	565	250°C	1726
CP4T3A	4/0	259/.0286	0.045	0.690	730	250°C	1726

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

PFA 250C 600V UL 1727

UL/CSA Approved Lead Wire

CONDUCTOR: • #24 AWG – #4/0 AWG stranded, annealed nickel plated copper per ASTM B33

INSULATION: • Extruded PFA fluoropolymer jacket

VOLTAGE: • 600V

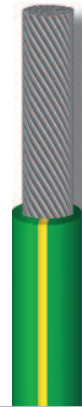
TEMPERATURE: • 250°C

APPLICATIONS: • Used for wiring of electric heaters, appliances, thermocouples, gas igniters, electrical and electronic components and other products that require a temperature rating up to 250° C

OPTIONS: • Available in all colors

INDUSTRY APPROVALS: • UL Style 1727
• CSA AWM I A/B FT1

FEATURES & BENEFITS: • Excellent chemical resistance
• Excellent resistance to fluids
• Low coefficient of friction makes installation easier
• Good mechanical strength



PFA

Part Number	Gauge	Stranding	Insulation Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
CP246A	24	7/.008	0.020	0.055	4	250°C	1727
CP226A	22	10/.0058	0.020	0.070	5	250°C	1727
CP206A	20	19/.0073	0.020	0.080	7	250°C	1727
CP186A	18	19/.0092	0.020	0.090	10	250°C	1727
CP166A	16	19/.0117	0.020	0.100	13	250°C	1727
CP146A	14	19/.0147	0.020	0.110	17	250°C	1727
CP126A	12	19/.0185	0.020	0.130	25	250°C	1727
CP106A	10	37/.0159	0.020	0.145	35	250°C	1727
CP086A	8	133/.0111	0.030	0.230	70	250°C	1727
CP066A	6	133/.0141	0.030	0.270	105	250°C	1727
CP046A	4	133/.0177	0.030	0.325	160	250°C	1727
CP026A	2	133/.0223	0.030	0.395	235	250°C	1727
CP016A	1	259/.0177	0.045	0.470	320	250°C	1727
CP1T6A	1/0	259/.0202	0.045	0.515	400	250°C	1727
CP2T6A	2/0	259/.0229	0.045	0.570	495	250°C	1727
CP3T6A	3/0	259/.0255	0.045	0.610	565	250°C	1727
CP4T6A	4/0	259/.0286	0.045	0.690	730	250°C	1727

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

PFA 250C 600V UL TYPE PFAH

UL/NEC Approved Lead Wire

PFAH



CONDUCTOR: • #14 AWG – #4/0 AWG solid or stranded annealed nickel plated copper per ASTM B33

INSULATION: • Extruded PFA (Perfluoro-alkoxy) fluoropolymer jacket

VOLTAGE: • 600V

TEMPERATURE: • 250°C

APPLICATIONS: • Dry locations only
• Only for leads within apparatus or within raceways connected to apparatus (nickel or nickel-coated copper only).

OPTIONS: • Available in all colors

INDUSTRY APPROVALS: • UL Style: NEC Type PFAH
• CSA AWM I A/B FT1

FEATURES & BENEFITS: • Excellent chemical resistance
• Excellent resistance to fluids
• Low coefficient of friction makes installation easier
• Good mechanical strength

Part Number	Gauge	Stranding	Insulation Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating	UL PFAH
CP146H	14	19/.0147	0.020	0.110	17	250°C	NEC Style PFAH
CP126H	12	19/.0186	0.020	0.130	25	250°C	NEC Style PFAH
CP106H	10	37/.0159	0.020	0.145	35	250°C	NEC Style PFAH
CP086H	8	133/.0111	0.030	0.230	70	250°C	NEC Style PFAH
CP066H	6	133/.0141	0.030	0.270	95	250°C	NEC Style PFAH
CP046H	4	133/.0177	0.030	0.325	160	250°C	NEC Style PFAH
CP026H	2	133/.0223	0.030	0.395	235	250°C	NEC Style PFAH
CP016H	1	259/.0177	0.045	0.470	320	250°C	NEC Style PFAH
CP1T6H	1/0	259/.0202	0.045	0.515	400	250°C	NEC Style PFAH
CP2T6H	2/0	259/.0229	0.045	0.570	495	250°C	NEC Style PFAH
CP3T6H	3/0	259/.0255	0.045	0.610	565	250°C	NEC Style PFAH
CP4T6H	4/0	259/.0286	0.045	0.690	730	250°C	NEC Style PFAH

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

TGGT 250C 300V UL 5180

Appliance and Industrial Lead Wire

CONDUCTOR: • #24 AWG – #8 AWG flexible stranded nickel plated, annealed copper

INSULATION: • PTFE Fluoropolymer tapes covered by wrapped fiberglass yarns
• A fiberglass braid jacket is applied over the insulation, then treated with a high-temperature saturant
• Natural color is tan

VOLTAGE: • 300V

TEMPERATURE: • 250°C

APPLICATIONS: • Used for the internal wiring of commercial, industrial, and household ovens as well as cooking equipment
• Suited for severe hot spot locations in industrial processing

OPTIONS: • Colors available upon request

INDUSTRY APPROVALS: • UL Style 5180
• CSA AWM I A/B FT1

FEATURES & BENEFITS: • Excellent moisture resistance
• Provides thermal and flame resistance
• Good flexibility
• High dielectric strength
• Low power factor without cold flow



TGGT

Part Number	Gauge	Stranding	Insulation Thickness	Fiberglass Braid	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
C12403	24	7/.0080	0.004	.005	0.065	4	250°C	5180
C12205	22	7/.0100	0.004	.005	0.074	5	250°C	5180
C12005	20	10/.0100	0.004	.005	0.081	6	250°C	5180
C11807	18	16/.0100	0.004	.005	0.090	9	250°C	5180
C11608	16	26/.0100	0.008	.005	0.104	13	250°C	5180
C11415	14	41/.0100	0.008	.005	0.119	20	250°C	5180
C11215	12	65/.0100	0.008	.005	0.133	29	250°C	5180
C11016	10	105/.0100	0.008	.005	0.163	42	250°C	5180
C108A1	8	133/.0111	0.008	.005	0.226	67	250°C	5180

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

TGGT 250C 300V UL 5257

Appliance and Industrial Lead Wire

TGGT



CONDUCTOR: • #20 AWG – #2 AWG flexible stranded nickel plated, annealed copper

INSULATION: • PTFE Fluoropolymer tapes covered by wrapped fiberglass yarns
• A fiberglass braid jacket is applied over the insulation, then treated with a high-temperature saturant
• Natural color is tan

VOLTAGE: • 300V

TEMPERATURE: • 250°C

APPLICATIONS: • Used for the internal wiring of commercial, industrial, and household ovens as well as cooking equipment
• Suited for severe hot spot locations in industrial processing

OPTIONS: • Colors available upon request

INDUSTRY APPROVALS: • UL Style 5257
• CSA AWM I A/B FT1

FEATURES & BENEFITS: • Excellent moisture resistance
• Provides thermal and flame resistance
• Good flexibility
• High dielectric strength
• Low power factor without cold flow

Part Number	Gauge	Stranding	Insulation Thickness	Fiberglass Braid	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
C12001	20	10/.0100	.004	.005	.064	9	250°C	5257
C11801	18	16/.0100	.004	.005	.072	12	250°C	5257
C11601	16	26/.0100	.004	.005	.086	16	250°C	5257
C11401	14	41/.0100	.004	.005	.107	22	250°C	5257
C11201	12	65/.0100	.008	.005	.121	30	250°C	5257
C11001	10	105/.0100	.008	.005	.149	45	250°C	5257
C10801	8	133/.0111	.008	.005	.204	68	250°C	5257
C10601	6	133/.0142	.011	.006	.259	116	250°C	5257
C10401	4	133/.0177	.011	.006	.314	170	250°C	5257
C10201	2	133/.0223	.011	.006	.384	260	250°C	5257

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

TGGT 250C 600V UL 5256

Appliance and Industrial Lead Wire - Features Excellent Non-Fray Properties

CONDUCTOR: • #20 AWG – #2 AWG flexible stranded nickel plated, annealed copper

INSULATION: • PTFE Fluoropolymer tapes covered by wrapped fiberglass yarns
• A fiberglass braid jacket is applied over the insulation, then treated with a high-temperature saturant
• Natural color is tan

VOLTAGE: • 600V

TEMPERATURE: • 250°C

APPLICATIONS: • Used for the internal wiring of commercial, industrial, and household ovens as well as cooking equipment
• Suited for severe hot spot locations in industrial processing

OPTIONS: • Colors available upon request

INDUSTRY APPROVALS: • UL Style 5256
• CSA AWM I A/B FT1

FEATURES & BENEFITS: • Excellent moisture resistance
• Provides thermal and flame resistance
• Good flexibility
• High dielectric strength
• Low power factor without cold flow



TGGT

Part Number	Gauge	Stranding	Insulation Thickness	Fiberglass Braid	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
C12016	20	10/.0100	.007	.005	.070	10	250°C	5256
C11818	18	16/.0100	.007	.005	.078	13	250°C	5256
C11612	16	26/.0100	.011	.005	.092	17	250°C	5256
C11403	14	41/.0100	.011	.005	.113	23	250°C	5256
C11221	12	65/.0100	.012	.005	.127	32	250°C	5256
C11033	10	105/.0100	.012	.005	.155	48	250°C	5256
C10807	8	133/.0111	.013	.005	.210	72	250°C	5256
C10611	6	133/.0142	.014	.006	.265	120	250°C	5256
C10401	4	133/.0177	.014	.006	.320	175	250°C	5256
C10202	2	133/.0223	.014	.006	.390	270	250°C	5256

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

TGGT 250C 600V UL 5214

Appliance and Industrial Lead Wire - Features Excellent Non-Fray Properties

TGGT



CONDUCTOR: • #24 AWG – #2 AWG flexible stranded nickel plated, annealed copper

INSULATION: • PTFE Fluoropolymer tapes covered by wrapped fiberglass yarns
• A fiberglass braid jacket is applied over the insulation, then treated with a high-temperature saturant
• Natural color is tan

VOLTAGE: • 600V

TEMPERATURE: • 250°C

APPLICATIONS: • Used for the internal wiring of commercial, industrial, and household ovens as well as cooking equipment
• Suited for severe hot spot locations in industrial processing

OPTIONS: • Colors available upon request

INDUSTRY APPROVALS: • UL Style 5214
• CSA AWM I A/B FT1

FEATURES & BENEFITS: • Excellent moisture resistance
• Provides thermal and flame resistance
• Good flexibility
• High dielectric strength
• Low power factor without cold flow

Part Number	Gauge	Stranding	Insulation Thickness	Fiberglass Braid	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
C122409	24	7/.0080	0.010	.005	0.070	4.5	250°C	5214
C12220	22	7/.0100	0.010	.005	0.075	6.75	250°C	5214
C12010	20	10/.0100	0.010	.005	0.092	10	250°C	5214
C11813	18	16/.0100	0.010	.005	0.102	13	250°C	5214
C11602	16	26/.0100	0.012	.005	0.115	17	250°C	5214
C11402	14	41/.0100	0.012	.005	0.130	23	250°C	5214
C11203	12	65/.0100	0.012	.005	0.150	32	250°C	5214
C11021	10	105/.0100	0.012	.005	0.175	48	250°C	5214
C10809	8	133/.0111	0.012	.005	0.235	72	250°C	5214
C10602	6	133/.0142	0.015	.006	0.310	120	250°C	5214
C10403	4	133/.0177	0.015	.006	0.365	175	250°C	5214
C10201	2	133/.0223	0.015	.006	0.435	271	250°C	5214

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

TGGT 250C 600V UL 5196 HEAVY WALL

Appliance and Industrial Lead Wire

CONDUCTOR: • #24 AWG – #4/0 AWG flexible stranded nickel plated, annealed copper

INSULATION: • PTFE Fluoropolymer tapes covered by wrapped fiberglass yarns
• A fiberglass braid jacket is applied over the insulation, then treated with a high-temperature saturant
• Natural color is tan

VOLTAGE: • 600V

TEMPERATURE: • 250°C

APPLICATIONS: • Used for the internal wiring of commercial, industrial, and household ovens as well as cooking equipment
• Suited for severe hot spot locations in industrial processing

OPTIONS: • Colors available upon request

INDUSTRY APPROVALS: • UL Style 5196
• CSA AWM I A/B FT1

FEATURES & BENEFITS: • Excellent moisture resistance
• Provides thermal and flame resistance
• Good flexibility
• High dielectric strength
• Low power factor without cold flow



TGGT

Part Number	Gauge	Stranding	Insulation Thickness	Fiberglass Braid	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
C12408	24	7/.008	0.015	.005	0.085	5	250°C	5196
C12201	22	7/.0100	0.015	.005	0.090	7	250°C	5196
C12001	20	10/.010	0.015	.005	0.100	10	250°C	5196
C11812	18	16/.010	0.015	.005	0.110	13	250°C	5196
C11601	16	26/.010	0.015	.005	0.120	17	250°C	5196
C11404	14	41/.010	0.015	.005	0.135	23	250°C	5196
C11205	12	65/.010	0.015	.005	0.155	32	250°C	5196
C11020	10	105/.010	0.015	.008	0.180	48	250°C	5196
C10808	8	133/.0111	0.015	.017	0.240	72	250°C	5196
C10603	6	133/.0142	0.020	.017	0.320	120	250°C	5196
C10402	4	133/.0177	0.020	.017	0.375	175	250°C	5196
C10203	2	133/.0223	0.020	.017	0.445	270	250°C	5196
C10101	1	259/.0177	0.020	.017	0.485	340	250°C	5251
C11TF1	1/0	259/.0202	0.020	.017	0.535	415	250°C	5251
C12TF1	2/0	259/.0229	0.020	.017	0.585	510	250°C	5251
C13TF1	3/0	259/.0255	0.020	.017	0.645	630	250°C	5251
C14TF1	4/0	259/.0286	0.020	.017	0.710	780	250°C	5251

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.



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EZMG 450C 300V UL 5128 (EZ STRIP)

High Temperature Lead Wire - Features Clean Strip Characteristics

EZMG



CONDUCTOR: • #24 AWG – #12 AWG flexible stranded 27% nickel plated, annealed copper

INSULATION: • Glass reinforced phlogopite mica tapes
• A fiberglass braid jacket is applied over the insulation, then treated with a high temperature finish
• Natural color is tan

VOLTAGE: • 300V

TEMPERATURE: • 450°C
• Non-UL 538°C (1000°F)

APPLICATIONS: • Used for the wiring of electrical heaters or similar high temperature equipment

OPTIONS: • Colors available upon request

INDUSTRY APPROVALS: • UL Style 5128
• CSA AWM I A/B FT1
• Passes 70,000 BTU/Hr and the 210,000 BTU/Hr industry standard flame tests

FEATURES & BENEFITS: • Excellent thermal and flame resistance
• Good chemical resistance
• Produces minimal smoke when exposed to flames

Part Number	Gauge	Stranding	Insulation Thickness	Fiberglass Braid	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
C22405	24	7/.008	0.015	.007	0.069	6	450°C	5128
C22203	22	7/.0100	0.015	.007	0.075	7	450°C	5128
C22004	20	10/.0100	0.015	.007	0.085	8	450°C	5128
C21804	18	16/.0100	0.015	.007	0.095	11	450°C	5128
C21663	16	26/.0100	0.015	.007	0.105	15	450°C	5128
C21410	14	41/.0100	0.015	.007	0.120	20	450°C	5128
C21208	12	65/.0100	0.015	.007	0.140	29	450°C	5128

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

MG LITE 450C 300V

High Temperature Lead Wire - Features Clean Stripping Insulation

CONDUCTOR: • #24 AWG – #12 AWG flexible stranded 27% nickel plated, annealed copper

INSULATION: • Glass reinforced phlogopite mica tapes
• A fiberglass braid jacket is applied over the insulation, then treated with a high temperature finish
• Natural color is tan

VOLTAGE: • 300V

TEMPERATURE: • 450°C
• Non-UL 538°C (1000°F)

APPLICATIONS: • Used for the wiring of electrical heaters or similar high temperature equipment

OPTIONS: • Colors available upon request

INDUSTRY APPROVALS: • UL Style 5360
• CSA AWM I A/B FT1
• Passes 70,000 BTU/Hr and the 210,000 BTU/Hr industry standard flame tests

FEATURES & BENEFITS: • Excellent thermal and flame resistance
• Good chemical resistance
• Produces minimal smoke when exposed to flames



MG LITE

Part Number	Gauge	Stranding	Insulation Thickness	Fiberglass Braid	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
C22423	24	7/.0080	0.012	.007	0.065	5	450°C	5360
C22260	22	7/.0100	0.012	.007	0.070	7	450°C	5360
C22060	20	10/.0100	0.012	.007	0.080	8	450°C	5360
C21812	18	16/.0100	0.012	.007	0.090	11	450°C	5360
C216W1	16	26/.0100	0.012	.007	0.100	15	450°C	5360
C214W1	14	41/.0100	0.012	.007	0.115	20	450°C	5360
C212W1	12	65/.0100	0.012	.007	0.135	29	450°C	5360

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

EZMG 450C 600V UL 5107 (EZ STRIP)

High Temperature Lead Wire - Features Clean Strip Characteristics

EZMG



CONDUCTOR: • #24 AWG – #500 MCM flexible stranded 27% nickel plated, annealed copper

INSULATION: • Glass reinforced phlogopite mica tapes
• A fiberglass braid jacket is applied over the insulation, then treated with a high temperature finish
• Natural color is tan

VOLTAGE: • 600V

TEMPERATURE: • 450°C
• Non-UL 538°C (1000°F)

APPLICATIONS: • Used for the internal wiring of domestic and commercial ovens as well as cooking appliances
• Ideal for use in electrical heaters
• For equipment wiring in iron mills, steel mills, glass plants, and cement kilns

OPTIONS: • Colors available upon request

INDUSTRY APPROVALS: • UL Style 5107
• CSA AWM I A/B FT1
• Passes 70,000 BTU/Hr and the 210,000 BTU/Hr industry standard flame tests

FEATURES & BENEFITS: • Excellent thermal and flame resistance
• Good chemical resistance
• Produces minimal smoke when exposed to flames

Part Number	Gauge	Stranding	Insulation Thickness	Fiberglass Braid	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
C22407	24	7/.008	0.025	.007	0.090	6	450°C	5107
C22207	22	7/.0100	0.025	.007	0.095	8	450°C	5107
C22005	20	10/.0100	0.025	.007	0.105	10	450°C	5107
C21805	18	16/.0100	0.025	.007	0.115	12	450°C	5107
C21670	16	26/.0100	0.025	.007	0.125	16	450°C	5107
C21405	14	41/.0100	0.025	.007	0.140	23	450°C	5107
C21204	12	65/.0100	0.025	.007	0.160	31	450°C	5107
C21004	10	105/.0100	0.030	.017	0.210	52	450°C	5107
C20803	8	133/.0111	0.030	.017	0.265	78	450°C	5107
C20610	6	133/.0142	0.030	.017	0.310	115	450°C	5107
C20404	4	133/.0177	0.030	.017	0.365	175	450°C	5107
C20203	2	133/.0223	0.035	.020	0.450	260	450°C	5107
C20101	1	259/.0177	0.035	.020	0.490	320	450°C	5107
C21704	1/0	259/.0202	0.035	.020	0.535	400	450°C	5107
C22701	2/0	259/.0229	0.035	.020	0.590	505	450°C	5107
C23702	3/0	259/.0255	0.035	.020	0.650	620	450°C	5107
C20409	4/0	259/.0286	0.035	.020	0.710	760	450°C	5107
C22501	250MCM	427/.0255	0.040	.020	0.775	915	450°C	5107
C23501	350MCM	427/.0286	0.040	.020	0.890	1250	450°C	5107
C25001	500MCM	427/.0342	0.040	.020	1.045	1770	450°C	5107

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

MG LITE 450C 600V

High Temperature Lead Wire - Features Clean Stripping Insulation

CONDUCTOR: • #22 AWG – #4/0 AWG flexible stranded 27% nickel plated, annealed copper

INSULATION: • Glass reinforced phlogopite mica tapes
• A fiberglass braid jacket is applied over the insulation, then treated with a high temperature finish
• Natural color is tan

VOLTAGE: • 600V

TEMPERATURE: • 450°C
• Non-UL 538°C (1000°F)

APPLICATIONS: • Used for the internal wiring of domestic and commercial ovens as well as cooking appliances
• Ideal for use in electric heaters and for equipment wiring in iron mills, steel mills, glass plants and cement kilns

OPTIONS: • Colors available upon request

INDUSTRY APPROVALS: • UL Style 5359
• CSA AWM I A/B FT1
• Passes 70,000 BTU/Hr and the 210,000 BTU/Hr industry standard flame tests

FEATURES & BENEFITS: • Excellent thermal and flame resistance
• Good chemical resistance
• Produces minimal smoke when exposed to flames



MG LITE

Part Number	Gauge	Stranding	Insulation Thickness	Fiberglass Braid	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
C22280	22	7/.0100	0.016	.007	0.075	8	450°C	5359
C22003	20	10/.0100	0.016	.007	0.085	10	450°C	5359
C21815	18	16/.0100	0.016	.007	0.095	12	450°C	5359
C21672	16	26/.0100	0.016	.007	0.105	16	450°C	5359
C21413	14	41/.0100	0.016	.007	0.125	23	450°C	5359
C21212	12	65/.0100	0.016	.007	0.145	31	450°C	5359
C21011	10	105/.0100	0.020	.015	0.195	52	450°C	5359
C20880	8	133/.0111	0.020	.015	0.240	78	450°C	5359
C20680	6	133/.0142	0.020	.015	0.280	115	450°C	5359
C20480	4	133/.0177	0.020	.015	0.340	175	450°C	5359
C20280	2	133/.0223	0.020	.020	0.425	260	450°C	5359
C20180	1	259/.0177	0.025	.020	0.470	320	450°C	5359
C21T80	1/0	259/.0202	0.025	.020	0.515	400	450°C	5359
C22T80	2/0	259/.0229	0.025	.020	0.570	505	450°C	5359
C23T80	3/0	259/.0255	0.025	.020	0.630	620	450°C	5359
C24T80	4/0	259/.0286	0.025	.020	0.695	760	450°C	5359

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

MG 550C 300V UL 5390

High Temperature Lead Wire

MG 550



CONDUCTOR: • #24 AWG – #4 AWG flexible stranded 27% nickel plated, annealed copper

INSULATION: • Mica fiberglass composite
• A fiberglass braid jacket is applied over the insulation, then treated with a high temperature finish
• Natural color is tan

VOLTAGE: • 300V

TEMPERATURE: • 550°C

APPLICATIONS: • Internal wiring

OPTIONS: • Colors available upon request

INDUSTRY APPROVALS: • UL Style 5390
• CSA AWM I A/B FT1

FEATURES & BENEFITS: • Approved for use up to 550°C
• Excellent thermal and flame resistance
• Good chemical resistance
• Produces minimal smoke when exposed to flames

Part Number	Gauge	Stranding	Insulation Thickness	Fiberglass Braid	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
C2243C	24	7/.008	0.027	.007	.081	6	550°C	5390
C2223C	22	7/.0100	0.027	.007	.088	7	550°C	5390
C2203C	20	10/.0100	0.027	.007	.092	8	550°C	5390
C2183C	18	16/.0100	0.027	.007	.105	12	550°C	5390
C2163C	16	26/.0100	0.027	.007	.120	16	550°C	5390
C2143C	14	41/.0100	0.027	.007	.130	22	550°C	5390
C2123C	12	65/.0100	0.027	.007	.150	31	550°C	5390
C2103C	10	105/.0100	0.035	.007	.210	52	550°C	5390
C2083C	8	133/.0111	0.035	.012	.260	78	550°C	5390
C2063C	6	133/.0142	0.035	.012	.300	116	550°C	5390
C2043C	4	133/.0177	0.035	.012	.350	175	550°C	5390

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

MG 550C 300V UL 5424

High Temperature Lead Wire

- CONDUCTOR:** • #24 AWG – #4 AWG flexible stranded 27% nickel plated, annealed copper
- INSULATION:** • Mica fiberglass composite
• A fiberglass braid jacket is applied over the insulation, then treated with a high temperature finish
• Natural color is tan
- VOLTAGE:** • 300V
- TEMPERATURE:** • 550°C
- APPLICATIONS:** • Internal wiring
- OPTIONS:** • Colors available upon request

- INDUSTRY APPROVALS:** • UL Style 5424
• CSA AWM I A/B FT1

- FEATURES & BENEFITS:** • Approved for use up to 550°C
• Excellent thermal and flame resistance
• Good chemical resistance
• Produces minimal smoke when exposed to flames



MG 550

Part Number	Gauge	Stranding	Insulation Thickness	Fiberglass Braid	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
C2243D	24	7/.008	0.016	.007	.070	6	550°C	5424
C2223D	22	7/.0100	0.016	.007	.077	7	550°C	5424
C2203D	20	10/.0100	0.016	.007	.087	8	550°C	5424
C2183D	18	16/.0100	0.016	.007	.100	11	550°C	5424
C2163D	16	26/.0100	0.016	.007	.110	15	550°C	5424
C2143D	14	41/.0100	0.016	.007	.125	20	550°C	5424
C2123D	12	65/.0100	0.016	.007	.145	29	550°C	5424
C2103D	10	105/.0100	0.026	.007	.190	48	550°C	5424
C2083D	8	133/.0111	0.026	.012	.240	75	550°C	5424
C2063D	6	133/.0142	0.026	.012	.280	113	550°C	5424
C2043D	4	133/.0177	0.026	.012	.330	170	550°C	5424

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

MG 550C 600V UL 5425

High Temperature Lead Wire

MG 550



CONDUCTOR: • #24 AWG – #4 AWG flexible stranded 27% nickel plated, annealed copper

INSULATION: • Mica fiberglass composite
• A fiberglass braid jacket is applied over the insulation, then treated with a high temperature finish
• Natural color is tan

VOLTAGE: • 600V

TEMPERATURE: • 550°C

USAGE: • Internal wiring not subject to movement after installation

OPTIONS: • Colors available upon request

INDUSTRY APPROVALS: • UL Style 5425
• CSA AWM I A/B FT1

FEATURES & BENEFITS: • Approved for use up to 550°C
• Excellent thermal and flame resistance
• Good chemical resistance
• Produces minimal smoke when exposed to flames

Part Number	Gauge	Stranding	Insulation Thickness	Fiberglass Braid	Overall Diameter	Weight lbs/k ft	Temp Rating	UL Style
C2246C	24	7/.008	0.020	.007	.080	6	550°C	5425
C2226C	22	7/.0100	0.020	.007	.085	8	550°C	5425
C2206C	20	10/.0100	0.027	.007	.095	10	550°C	5425
C2186C	18	16/.0100	0.020	.007	.105	12	550°C	5425
C2166C	16	26/.0100	0.020	.007	.115	16	550°C	5425
C2146C	14	41/.0100	0.020	.007	.130	23	550°C	5425
C2126C	12	65/.0100	0.020	.007	.150	31	550°C	5425
C2106C	10	105/.0100	0.034	.017	.220	52	550°C	5425
C2086C	8	133/.0111	0.034	.017	.275	78	550°C	5425
C2066C	6	133/.0142	0.034	.017	.320	115	550°C	5425
C2046C	4	133/.0177	0.034	.017	.375	175	550°C	5425

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.

FLAMROX HIGH PERFORMANCE CABLE

Flamrox - Premium High Temperature Single Conductor Cable

MULTI-CONDUCTOR



- CONDUCTOR:** • #20 AWG – #4/0 AWG flexible stranded 27% nickel plated, annealed copper
- INSULATION:** • Phlogopite mica tapes, fiberglass braid jacket, high-temperature saturant
 • A phlogopite mica tape thermal barrier and a fluoropolymer tape moisture barrier are both applied over the core
 • An overall fiberglass braid is then treated with a high temperature saturant
- VOLTAGE:** • 600V
- TEMPERATURE:** • 450°C
 • 538°C Non UL
- APPLICATIONS:** • Used in critical areas where standard high temperature lead wire is not sufficient to maintain circuit integrity due to extreme temperatures, or exposure to open flame
 • Used for equipment wiring in iron mills, steel mills, glass plants, and cement kilns
- OPTIONS:** • Armor braid optional

- INDUSTRY APPROVALS:** • UL approved lead wire 450° C
 • Passes IEEE 383 modified 210,000 BTU vertical tray flame test at 1800° F, with circuit integrity for 2 1/2 hours minimum
 • Provides Circuit Integrity in conduit for up to 30 hours under direct exposure to flame

- FEATURES & BENEFITS:** • Excellent resistance to high temperature and direct flame
 • Can withstand up to 2400°F short term
 • TFE tape provides a moisture barrier
 • Good chemical resistance
 • Produces minimal smoke when exposed to flames

Part Number	Gauge	Stranding	MICA/Glass Jacket Thickness	Overall Diameter	Weight lbs/M
C55055	20	10/.010	0.025	.152	27
C55155	18	16/.010	0.025	.162	30
C55255	16	26/.010	0.025	.181	34
C55355	14	41/.010	0.025	..214	40
C55455	12	65/.010	0.025	.234	50
C55555	10	105/.010	0.030	.260	90
C55615	8	133/.0111	0.030	.304	130
C55640	6	133/.0141	0.030	.347	165
C55665	4	133/.0177	0.030	.403	220
C55690	2	133/.0223	0.035	.472	310
C55715	1	259/.0180	0.035	.515	350
C55740	1/0	259/.0201	0.035	.561	470
C55765	2/0	259/.0226	0.035	.614	550
C55790	3/0	259/.0255	0.035	.673	650
C55815	4/0	259/.0285	0.035	.738	770

Dimensions and weights shown are nominal, subject to industry tolerances.
 Dimensions and weights for other cable configurations are available upon request.



Coleman Cable Inc.
 800.323.9355 • www.colemancable.com

SRG-G INSTRUMENTATION CABLES

Silicone Rubber Glass Braid Conductors with an Alum/Mylar Shield and Drain and an Overall Fiberglass Braid

MULTI-CONDUCTOR



CONDUCTOR: • #18 AWG – #16 AWG stranded tinned, annealed copper per ASTM B33

INSULATION: • Silicone Rubber with a fiberglass braid over the insulation

CABLE: • The conductors are cabled with a left hand lay
• An alum/mylar shield and drain is applied over the core
• An overall fiberglass braid, treated with a high temperature saturant, covers the shielded core

VOLTAGE: • 600V

TEMPERATURE: • 200°C

APPLICATIONS: • Used for equipment wiring, as well as signal and control circuits
• Ideal in locations where high temperature or hazardous conditions exist that require heat resistance at 600 volts

OPTIONS: • For constructions with core sizes larger than .750, please use our SRGK product group

FEATURES & BENEFITS: • Good chemical resistance
• Excellent electrical properties
• Contains no Chlorine or other halogens
• Passes IEEE 383 70,000 BTU/Hr Flame test while maintaining circuit integrity

Part Number	Conductors	Braid Jacket	Overall Diameter	Weight lbs/k ft	Temp Rating
18 Gauge					
C50000	2	.030	0.260	25	200°C
C50005	3	.030	0.280	40	200°C
C50010	4	.030	0.310	55	200°C
C50015	5	.030	0.325	75	200°C
C50020	7	.030	0.380	95	200°C
C50030	12	.030	0.520	160	200°C
C50040	19	.030	0.630	240	200°C
16 Gauge					
C50100	2	.030	0.300	38	200°C
C50105	3	.030	0.320	57	200°C
C50110	4	.030	0.355	75	200°C
C50115	5	.030	0.390	93	200°C
C50120	7	.030	0.430	129	200°C
C50130	12	.030	0.580	219	200°C
C50140	19	.030	0.705	342	200°C

SRG-G CONTROL CABLES

Silicone Rubber Glass Braid Conductors with an Overall Fiberglass Jacket

- CONDUCTOR:** • #14 AWG – #10 AWG stranded tinned, annealed copper per ASTM B33
 - INSULATION:** • Silicone Rubber with a fiberglass braid over the insulation
 - CABLE:** • The conductors are cabled with a left hand lay and bound with a polyester tape
• An overall fiberglass braid, treated with a high temperature saturant, covers the core
 - VOLTAGE:** • 600V
 - TEMPERATURE:** • 200°C
 - APPLICATIONS:** • Used for equipment wiring, as well as signal and control circuits
• Ideal in locations where high temperature or hazardous conditions exist that require heat resistance at 600 volts
 - OPTIONS:** • For constructions with core sizes larger than .750, please use our SRGK product group
- FEATURES & BENEFITS:**
- Good chemical resistance
 - Excellent electrical properties
 - Contains no Chlorine or other halogens
 - Passes IEEE 383 70,000 BTU/Hr Flame test while maintaining circuit integrity



MULTI-CONDUCTOR

Part Number	Conductors	Braid Jacket	Overall Diameter	Weight lbs/k ft	Temp Rating
14 Gauge					
C50200	2	.030	0.330	50	200°C
C50205	3	.030	0.350	75	200°C
C50210	4	.030	0.390	99	200°C
C50215	5	.030	0.430	122	200°C
C50220	7	.030	0.475	172	200°C
C50230	12	.030	0.655	293	200°C
12 Gauge					
C50300	2	.030	0.360	67	200°C
C50305	3	.030	0.385	101	200°C
C50310	4	.030	0.425	133	200°C
C50315	5	.030	0.470	166	200°C
C50320	7	.030	0.520	231	200°C
C50330	12	.030	0.720	393	200°C
10 Gauge					
C50400	2	.045	0.480	114	200°C
C50405	3	.045	0.515	170	200°C
C50410	4	.045	0.565	222	200°C
C50415	5	.045	0.650	292	200°C
C50420	7	.045	0.715	374	200°C

SRG-G POWER CABLES

Silicone Rubber Glass Braid Conductors with an Overall Fiberglass Jacket

MULTI-CONDUCTOR



CONDUCTOR: • #8 AWG – #6 AWG stranded tinned, annealed copper per ASTM B33

INSULATION: • Silicone Rubber with a fiberglass braid over the insulation

CABLE: • The conductors are cabled with a left hand lay and bound with a polyester tape
• An overall fiberglass braid, treated with a high temperature saturant, covers the core

VOLTAGE: • 600V

TEMPERATURE: • 200°C

APPLICATIONS: • Used for equipment wiring, as well as signal and control circuits
• Ideal in locations where high temperature or hazardous conditions exist that require heat resistance at 600 volts

OPTIONS: • For constructions with core sizes larger than .750, please use our SRGK product group

FEATURES & BENEFITS: • Good chemical resistance
• Excellent electrical properties
• Contains no Chlorine or other halogens
• Passes IEEE 383 70,000 BTU/Hr Flame test while maintaining circuit integrity

Part Number	Conductors	Braid Jacket	Overall Diameter	Weight lbs/k ft	Temp Rating
8 Gauge					
C50500	2	.060	.595	180	200°C
C50505	3	.060	.635	265	200°C
C50510	4	.060	.710	350	200°C
6 Gauge					
C50525	2	.060	0.650	250	200°C
C50530	3	.060	0.700	355	200°C

SRG-K INSTRUMENTATION CABLES

Silicone Rubber Glass Braid Conductors with an Alum/Mylar Shield and Drain and an Overall Aramid Fiber Jacket

- CONDUCTOR:** • #18 AWG – #16 AWG stranded tinned, annealed copper per ASTM B33
- INSULATION:** • Silicone Rubber with a fiberglass braid over the insulation
- CABLE:** • The conductors are cabled with a left hand lay
 - An alum/mylar shield and drain is applied over the core
 - An overall K-Fiber braid, treated with a high temperature saturant, covers the shielded core
- VOLTAGE:** • 600V
- TEMPERATURE:** • 200°C
- APPLICATIONS:** • Used for equipment wiring, as well as signal and control circuits
 - Ideal in locations where high temperature or hazardous conditions exist that require heat resistance at 600 volts

- FEATURES & BENEFITS:**
- K Fiber Jacket provides improved mechanical strength and abrasion resistance
 - Good chemical resistance
 - Excellent electrical properties
 - Passes IEEE 383 70,000 BTU/Hr Flame test while maintaining circuit integrity



MULTI-CONDUCTOR

Part Number	Conductors	Silicone Insulation	Overall Diameter	Weight lbs/k ft	Temp Rating
18 Gauge					
C51000	2	.030	0.290	40	200°C
C51005	3	.030	0.315	50	200°C
C51010	4	.030	0.330	65	200°C
C51015	5	.030	0.350	80	200°C
C51020	7	.030	0.440	110	200°C
C51030	12	.030	0.560	205	200°C
C51040	19	.030	0.680	320	200°C
C51050	37	.030	0.915	630	200°C
16 Gauge					
C51100	2	.030	0.345	43	200°C
C51105	3	.030	0.360	60	200°C
C51110	4	.030	0.400	75	200°C
C51115	5	.030	0.435	95	200°C
C51120	7	.030	0.475	130	200°C
C51130	12	.030	0.625	220	200°C
C51140	19	.030	0.735	350	200°C
C51150	37	.030	0.995	660	200°C

SRG-K CONTROL CABLES

Silicone Rubber Glass Braid Conductors with an Overall Aramid Fiber Jacket

MULTI-CONDUCTOR



- CONDUCTOR:** • #14 AWG – #10 AWG stranded tinned, annealed copper per ASTM B33
- INSULATION:** • Silicone Rubber with a fiberglass braid over the insulation
- CABLE:** • The conductors are cabled with a left hand lay and bound with a polyester tape
• An overall K-Fiber braid, treated with a high temperature saturant, covers the core
- VOLTAGE:** • 600V
- TEMPERATURE:** • 200°C
- APPLICATIONS:** • Used for equipment wiring, as well as signal and control circuits
• Ideal in locations where high temperature or hazardous conditions exist that require heat resistance at 600 volts

- FEATURES & BENEFITS:** • K Fiber Jacket provides improved mechanical strength and abrasion resistance
• Good chemical resistance
• Excellent electrical properties
• Passes IEEE 383 70,000 BTU/Hr Flame test while maintaining circuit integrity

Part Number	Conductors	Silicone Insulation	Overall Diameter	Weight lbs/k ft	Temp Rating
14 Gauge					
C51200	2	.030	0.375	55	200°C
C51205	3	.030	0.400	75	200°C
C51210	4	.030	0.435	100	200°C
C51215	5	.030	0.480	125	200°C
C51220	7	.030	0.520	170	200°C
C51230	12	.030	0.690	280	200°C
C51240	19	.030	0.810	415	200°C
C51250	37	.030	1.100	810	200°C
12 Gauge					
C51300	2	.030	0.410	75	200°C
C51305	3	.030	0.430	110	200°C
C51310	4	.030	0.475	145	200°C
C51315	5	.030	0.520	175	200°C
C51320	7	.030	0.570	240	200°C
C51330	12	.030	0.755	410	200°C
C51340	19	.030	0.890	625	200°C
C51350	37	.030	1.250	1250	200°C
10 Gauge					
C51400	2	.045	0.525	125	200°C
C51405	3	.045	0.555	180	200°C
C51410	4	.045	0.615	235	200°C
C51415	5	.045	0.675	300	200°C
C51420	7	.045	0.740	385	200°C
C51430	12	.045	0.990	685	200°C

SRG-K POWER CABLES

Silicone Rubber Glass Braid Conductors with an Overall Aramid Fiber Jacket

- CONDUCTOR:** • #8 AWG – #2 AWG stranded tinned, annealed copper per ASTM B33
- INSULATION:** • Silicone Rubber with a fiberglass braid over the insulation
- CABLE:** • The conductors are cabled with a left hand lay and bound with a polyester tape
- An overall K-Fiber braid, treated with a high temperature saturant, covers the core
- VOLTAGE:** • 600V
- TEMPERATURE:** • 200°C

- APPLICATIONS:** • Used for equipment wiring, as well as signal and control circuits
- Ideal in locations where high temperature or hazardous conditions exist that require heat resistance at 600 volts

- FEATURES & BENEFITS:** • K Fiber Jacket provides improved mechanical strength and abrasion resistance
- Good chemical resistance
- Excellent electrical properties
- Passes IEEE 383 70,000 BTU/Hr Flame test while maintaining circuit integrity



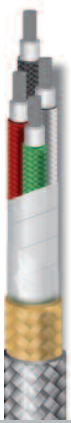
MULTI-CONDUCTOR

Part Number	Conductors	Silicone Insulation	Overall Diameter	Weight lbs/k ft	Temp Rating
8 Gauge					
C51500	2	.060	0.620	180	200°C
C51505	3	.060	0.660	265	200°C
C51510	4	.060	0.750	350	200°C
6 Gauge					
C51525	2	.060	0.675	250	200°C
C51530	3	.060	0.730	355	200°C
C51535	4	.060	0.820	480	200°C
4 Gauge					
C51550	2	.060	0.840	385	200°C
C51555	3	.060	0.910	625	200°C
C51560	4	.060	1.020	825	200°C
2 Gauge					
C51575	2	.060	0.980	630	200°C
C51580	3	.060	1.050	925	200°C
C51585	4	.060	1.180	1225	200°C

SOAKING PIT CABLES

Silicone Rubber Glass Braid Conductors

MULTI-CONDUCTOR



CONDUCTOR: • #14 AWG – #2 AWG stranded tinned, annealed copper per ASTM B33

INSULATION: • Silicone Rubber with a fiberglass braid over the insulation

CABLE: • The conductors are cabled together with a left hand lay and bound with a polyester tape
• An Aramid fiber braid, treated with a high temperature saturant, covers the core and a stainless steel braid is applied overall

VOLTAGE: • 600V

TEMPERATURE: • 200°C

APPLICATIONS: • Used for wiring in locations, such as furnaces, that may expose the cable to molten metal or glass

FEATURES & BENEFITS: • Stainless Steel braid provides protection against molten splash in soaking pit and slag applications
• K Fiber Jacket provides improved mechanical strength and abrasion resistance
• Good chemical resistance
• Excellent electrical properties
• Passes IEEE 383 70,000 BTU/Hr Flame test while maintaining circuit integrity

Part Number	Conductors	Silicone Insulation	Overall Diameter	Weight lbs/k ft	Temp Rating
14 Gauge					
C52200	2	.045	.510	180	200°C
C52205	3	.045	.540	210	200°C
C52210	4	.045	.590	245	200°C
12 Gauge					
C52300	2	.045	.555	190	200°C
C52305	3	.045	.585	220	200°C
C52310	4	.045	.635	260	200°C
10 Gauge					
C52400	2	.045	.610	240	200°C
C52405	3	.045	.640	290	200°C
C52410	4	.045	.695	340	200°C
8 Gauge					
C52500	2	.060	.775	370	200°C
C52505	3	.060	.860	460	200°C
C52510	4	.060	.905	560	200°C
6 Gauge					
C52525	2	.060	.910	520	200°C
C52530	3	.060	.960	645	200°C
C52535	4	.060	1.065	775	200°C
4 Gauge					
C52550	2	.060	.980	735	200°C
C52555	3	.060	1.030	925	200°C
C52560	4	.060	1.165	1120	200°C
2 Gauge					
C52575	2	.060	1.175	1000	200°C
C52580	3	.060	1.250	1270	200°C
C52585	4	.060	1.370	1550	200°C

SRG-S CABLES

Silicone Rubber Glass Braid Conductors with an Overall Silicone Rubber Jacket

- CONDUCTOR:** • #16 AWG – #10 AWG stranded tinned, annealed copper per ASTM B33
- INSULATION:** • Silicone Rubber with a fiberglass braid over the insulation
- CABLE:** • The conductors are cabled with a left hand lay and bound with a polyester tape
• An overall silicone rubber jacket covers the core
- VOLTAGE:** • 600V
- TEMPERATURE:** • 200°C
- APPLICATIONS:** • Used for equipment wiring, as well as signal and control circuits
• Ideal in locations where high temperature or hazardous conditions exist that require heat resistance at 600 volts
- OPTIONS:** • Also available in Power & Instrumentation Cable
- FEATURES & BENEFITS:** • Good chemical resistance
• Excellent electrical properties
• Provides circuit integrity when exposed to high temperatures and flame



MULTI-CONDUCTOR

Part Number	Conductors	Silicone Insulation	Overall Diameter	Weight lbs/k ft	Temp Rating
16 Gauge					
C56100	2	.030	0.345	50	200°C
C56105	3	.030	0.360	65	200°C
C56110	4	.030	0.450	80	200°C
C56115	5	.030	0.470	100	200°C
C56120	7	.030	0.525	140	200°C
C56130	12	.030	0.660	230	200°C
C56140	19	.030	0.820	365	200°C
C56150	37	.030	1.080	790	200°C
14 Gauge					
C56200	2	.030	0.375	70	200°C
C56205	3	.030	0.400	90	200°C
C56210	4	.030	0.436	130	200°C
C56215	5	.030	0.480	155	200°C
C56220	7	.030	0.520	200	200°C
C56230	12	.030	0.730	375	200°C
C56240	19	.030	0.900	595	200°C
12 Gauge					
C56300	2	.030	0.410	75	200°C
C56305	3	.030	0.430	110	200°C
C56310	4	.030	0.565	175	200°C
C56315	5	.030	0.590	215	200°C
C56320	7	.030	0.660	300	200°C
C56330	12	.030	0.825	520	200°C
C56340	19	.030	1.000	820	200°C
10 Gauge					
C56400	2	.045	0.525	145	200°C
C56405	3	.045	0.555	220	200°C
C56410	4	.045	0.630	290	200°C
C56415	5	.045	0.690	360	200°C
C56420	7	.045	0.820	500	200°C
C56430	12	.045	1.045	870	200°C



TGGTG CABLES

TGGTG Power Cable - Premium High Temperature Cable

MULTI-CONDUCTOR



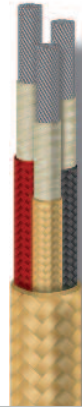
- CONDUCTOR:** • #16 AWG – #10 AWG Flexible stranded nickel plated, annealed copper
- INSULATION:** • PTFE Fluoropolymer tapes covered by wrapped fiberglass yarn
• A fiberglass braid jacket is applied over the insulation, then treated with a high temperature saturant
- CABLE:** • The conductors are cabled together with a left-hand lay
• An overall fiberglass braid is then treated with a high temperature saturant
- VOLTAGE:** • 600V
- TEMPERATURE:** • 250°C
- APPLICATIONS:** • Used in wiring equipment
- OPTIONS:** • Also available in Power and Instrumentation Cables
- INDUSTRY APPROVALS:** • UL approved lead wire 250°C
- FEATURES & BENEFITS:** • Excellent flame resistance
• Good weathering, sunlight, ozone, and corona resistance
• Good flexibility without cold flow

Part Number	Conductors	Overall Diameter	Weight lbs/k ft	Temp Rating
16 Gauge				
C53200	2	0.280	38	250°C
C53205	3	0.300	57	250°C
C53210	4	0.335	75	250°C
C53215	5	0.370	93	250°C
C53220	7	0.410	129	250°C
C53230	12	0.560	219	250°C
C53240	19	0.675	342	250°C
C53250	37	0.905	659	250°C
14 Gauge				
C53300	2	0.310	50	250°C
C53305	3	0.330	75	250°C
C53310	4	0.370	99	250°C
C52215	5	0.410	122	250°C
C53320	7	0.455	172	250°C
C53330	12	0.615	293	250°C
C53340	19	0.750	450	250°C
12 Gauge				
C53400	2	0.340	67	250°C
C53405	3	0.365	101	250°C
C53410	4	0.405	133	250°C
C53415	5	0.450	166	250°C
C53420	7	0.500	231	250°C
C53430	12	0.680	393	250°C
C53440	19	0.815	618	250°C
10 Gauge				
C53500	2	0.460	114	250°C
C53505	3	0.495	170	250°C
C53510	4	0.545	222	250°C
C53515	5	0.630	292	250°C
C53520	7	0.675	374	250°C
C53530	12	0.930	648	250°C

MGG CABLES

High Temperature Cable

- CONDUCTOR:** • #16 AWG – #10 AWG flexible stranded 27% nickel plated, annealed copper
- INSULATION:** • Phlogopite mica tapes, fiberglass braid jacket, high-temp saturant
• Armor braid optional
- CABLE:** • The conductors are cabled together with a left-hand lay
• An overall fiberglass braid is then treated with a high temperature saturant
- VOLTAGE:** • 600V
- TEMPERATURE:** • 450°C
- APPLICATIONS:** • Used in wiring equipment that will be exposed to high temperatures
- OPTIONS:** • Also available in Power & Instrumentation Cable
- INDUSTRY APPROVALS:** • UL approved lead wire 450°C
- FEATURES & BENEFITS:**
 - Excellent flame resistance
 - Can withstand up to 2400°F short term
 - Passes IEEE 383 70,000 BTU/Hr Flame Test
 - Passes UL 1277 70,000 BTU/Hr Flame Test
 - Passes ICEA T-29-520 210,000 BTU/Hr Flame Test with circuit integrity



MULTI-CONDUCTOR

Part Number	Conductors	Overall Diameter	Weight lbs/k ft	Temp Rating
16 Gauge				
C54200	2	0.290	38	450°C
C54205	3	0.310	57	450°C
C54210	4	0.345	75	450°C
C54215	5	0.380	93	450°C
C54220	7	0.420	129	450°C
C54230	12	0.570	219	450°C
C54240	19	0.695	342	450°C
C54250	37	0.935	659	450°C
14 Gauge				
C54300	2	0.320	50	450°C
C54305	3	0.340	75	450°C
C54310	4	0.380	99	450°C
C54315	5	0.420	122	450°C
C54320	7	0.465	172	450°C
C54330	12	0.635	293	450°C
C54340	19	0.760	450	450°C
12 Gauge				
C54400	2	0.350	67	450°C
C54405	3	0.375	101	450°C
C54410	4	0.415	133	450°C
C54415	5	0.460	166	450°C
C54420	7	0.510	231	450°C
C54430	12	0.700	393	450°C
C54440	19	0.835	618	450°C
10 Gauge				
C54500	2	0.470	114	450°C
C54505	3	0.505	170	450°C
C54510	4	0.555	222	450°C
C54515	5	0.640	292	450°C
C54520	7	0.695	374	450°C
C54530	12	0.950	648	450°C

FLAMROX HIGH PERFORMANCE CABLES

Flamrox Power Cable - Premium High Temperature Cable

MULTI-CONDUCTOR



- CONDUCTOR:** • #20 AWG – #2 AWG flexible stranded 27% nickel plated, annealed copper
- INSULATION:** • Phlogopite mica tapes, fiberglass braid jacket, high-temperature saturant
 • A phlogopite mica tape thermal barrier and a fluoropolymer tape moisture barrier are both applied over the core
 • An overall fiberglass braid is then treated with a high temperature saturant
 • Armor braid optional
- VOLTAGE:** • 600V
- TEMPERATURE:** • 450°C
 • Non-UL 538°C (1000°F)
- APPLICATIONS:** • Used in critical areas where standard high temperature lead wire is not sufficient to maintain circuit integrity due to extreme temperatures, or exposure to open flame
 • Used for equipment wiring in iron mills, steel mills, glass plants, and cement kilns
- OPTIONS:** • Available with stainless steel braid
 • Available with insulated or uninsulated ground conductors
- INDUSTRY APPROVALS:** • UL approved lead wire 450°C
 • Passes IEEE 383 modified 210,000 BTU vertical tray flame test at 1800° F, with circuit integrity for 2½ hours minimum
- FEATURES & BENEFITS:** • Excellent flame resistance
 • TFE Tape provides a moisture barrier
 • Very low smoke emissions when exposed to flame
 • Can withstand up to 2400°F short term
 • Passes IEEE 383 70,000 BTU/Hr Flame Test
 • Passes UL 1277 70,000 BTU/Hr Flame Test
 • Passes ICEA T-29-520 210,000 BTU/Hr Flame Test with circuit integrity

Part Number	Conductors	Overall Cable OD	Weight lbs/k ft	Temp Rating
20 Gauge				
C55000	2	.285	33	538°C
C55005	3	.299	45	538°C
C55010	4	.304	58	538°C
C55015	5	.360	71	538°C
C55020	7	.392	94	538°C
C55030	12	.520	156	538°C
18 Gauge				
C55100	2	.308	39	
C55105	3	.327	55	538°C
C55110	4	.352	69	538°C
C55115	5	.391	85	538°C
C55120	7	.426	114	538°C
C55130	12	.568	186	538°C

Dimensions and weights shown are nominal, subject to industry tolerances.
 Dimensions and weights for other cable configurations are available upon request.

FLAMROX HIGH PERFORMANCE CABLES

Flamrox Power Cable - Premium High Temperature Cable

MULTI-CONDUCTOR

Part Number	Conductors	Overall Cable OD	Weight lbs/k ft	Temp Rating
16 Gauge				
C55200	2	.326	48	538°C
C55205	3	.346	66	538°C
C55210	4	.379	84	538°C
C55215	5	.415	106	538°C
C55220	7	.453	144	538°C
C55230	12	.605	242	538°C
14 Gauge				
C55300	2	.366	66	538°C
C55305	3	.390	93	538°C
C55310	4	.428	120	538°C
C55315	5	.469	147	538°C
C55320	7	.513	198	538°C
C55330	12	.689	332	538°C
12 Gauge				
C55400	2	.400	87	538°C
C55405	3	.426	120	538°C
C55410	4	.469	156	538°C
C55415	5	.515	191	538°C
C55420	7	.564	261	538°C
C55430	12	.759	434	538°C
10 Gauge				
C55500	2	.516	139	538°C
C55505	3	.552	198	538°C
C55510	4	.609	257	538°C
C55515	5	.671	314	538°C
C55520	7	.738	425	538°C
C55530	12	1.000	681	538°C
8 Gauge				
C55600	2	.596	33	538°C
C55605	3	.638	45	538°C
C55610	4	.706	58	538°C
6 Gauge				
C55625	2	.686	202	538°C
C55630	3	.735	286	538°C
C55635	4	.820	369	538°C
4 Gauge				
C55650	2	.802	421	538°C
C55655	3	.861	604	538°C
C55660	4	.960	792	538°C
2 Gauge				
C55675	2	.975	607	538°C
C55680	3	1.047	879	538°C
C55685	4	1.164	1,153	538°C

Dimensions and weights shown are nominal, subject to industry tolerances.
Dimensions and weights for other cable configurations are available upon request.



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FEP/FEP TRAY CABLE

Instrumentation Shielded Multi Conductor, 600 Volts, 200°C Dry Special Applications

INDUSTRIAL TRAY CABLE



- CONDUCTOR:**
 - #18 AWG – #16 AWG tinned, annealed copper per ASTM B33
 - Class B stranding per ASTM B8
- INSULATION:**
 - Extruded fluorinated ethylene propylene (FEP)
- JACKET:**
 - Fluorinated ethylene propylene (FEP)
- CABLE:**
 - Conductors cabled together with fillers as needed to form a round core
 - An overall aluminum mylar shield and drain wire is applied over the core
- VOLTAGE:**
 - 600V
- TEMPERATURE:**
 - 200°C Dry – Special applications
- APPLICATIONS:**
 - For use as a 600 volt, multi conductor instrumentation cable where flame retardance, Moisture/Chemical resistance, and high temperature rating is critical
 - Cable can be installed in free air, in raceways or direct burial.
 - The cable is also approved for wet or dry locations as well as Class 1 Division II industrial hazardous locations per NEC 501-4(b) for (UL) Type tray cables (TC)

- COLOR CODE:**
 - E1 per ICEA S-73-532 Table E1 (Old K1)
 - E2 per ICEA S-73-532 Table E2 (Old K2)

- INDUSTRY APPROVALS:**
 - Insulated Conductor - VW-1
 - UL Type TC, 200°C Dry Special Applications
 - Passes UL 1277 Flame Test (70,000 BTU/hr)
 - Passes IEEE 383 Flame Test (70,000 BTU/hr)
 - Passes IEEE 1202 Flame Test (70,000 BTU/hr)
 - Passes ICEA T-29-520 Flame Test (210,000 BTU/hr)

- FEATURES & BENEFITS:**
 - Temperature rating of 200°C dry for special applications
 - Excellent electrical properties
 - Excellent chemical resistance
 - Excellent resistance to fluids
 - Excellent flame resistance
 - Resistant to crush, compression and deformation
 - Low coefficient of friction makes installation easier
 - Good mechanical strength

Part Number	Conductors	Insulation Thickness	Jacket Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating
18 Gauge						
C5F000	2	.020	0.045	.275	50	200°C
C5F005	3	.020	0.045	.290	65	200°C
C5F010	4	.020	0.045	.310	80	200°C
C5F015	5	.020	0.045	.325	90	200°C
C5F020	7	.020	0.045	.360	115	200°C
C5F025	9	.020	0.045	.400	140	200°C
C5F030	12	.020	0.045	.465	180	200°C
C5F035	15	.020	0.045	.515	220	200°C
C5F040	19	.020	0.060	.575	290	200°C
C5F050	37	.020	0.060	.750	500	200°C
16 Gauge						
C5F100	2	.020	0.045	.295	70	200°C
C5F105	3	.020	0.045	.310	85	200°C
C5F110	4	.020	0.045	.335	100	200°C
C5F115	5	.020	0.045	.365	115	200°C
C5F120	7	.020	0.045	.395	145	200°C
C5F125	9	.020	0.045	.455	180	200°C
C5F130	12	.020	0.045	.505	225	200°C
C5F135	15	.020	0.045	.595	300	200°C
C5F140	19	.020	0.060	.625	360	200°C
C5F150	37	.020	0.060	.820	630	200°C

FEP/FEP TRAY CABLE

Instrumentation Shielded Pairs, 600 Volts, 200°C Dry Special Applications

INDUSTRIAL TRAY CABLE



- CONDUCTOR:**
 - #18 AWG – #16 AWG tinned, annealed copper per ASTM B33
 - Class B stranding per ASTM B8
- INSULATION:**
 - Fluorinated ethylene propylene (FEP)
- JACKET:**
 - Fluorinated ethylene propylene (FEP)
- PAIR:**
 - Conductors twisted together with a drain wire and alum/mylar shield
- CABLE:**
 - Shielded pairs cabled together with fillers as needed to form a round core
 - An overall alum/mylar shield and drain wire is applied over the core
- VOLTAGE:**
 - 600V
- TEMPERATURE:**
 - 200°C Dry – Special applications
- APPLICATIONS:**
 - For use as a 600 volt, Multi Pair instrumentation cable where flame retardance, Moisture/Chemical resistance, and high temperature rating is critical
 - Cable can be installed in free air, in raceways or direct burial.
 - The cable is also approved for wet or dry locations as well as Class 1 Division II industrial hazardous locations per NEC 501-4(b) for (UL) Type tray cables (TC)
- COLOR CODE:**
 - Pairs are black and white with pair number printed on the white conductor

- INDUSTRY APPROVALS:**
 - Insulated Conductor - VW-1
 - UL Type TC, 200°C Dry Special Applications
 - Passes UL 1277 Flame Test (70,000 BTU/hr)
 - Passes IEEE 383 Flame Test (70,000 BTU/hr)
 - Passes IEEE 1202 Flame Test (70,000 BTU/hr)
 - Passes ICEA T-29-520 Flame Test (210,000 BTU/hr)

- FEATURES & BENEFITS:**
 - Temperature rating of 200°C dry for special applications
 - Excellent electrical properties
 - Excellent chemical resistance
 - Excellent resistance to fluids
 - Excellent flame resistance
 - Resistant to crush, compression and deformation
 - Low coefficient of friction makes installation easier
 - Good mechanical strength

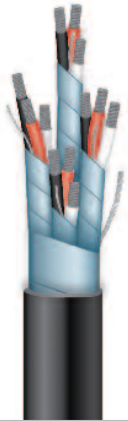
Part Number	Pairs	Insulation Thickness	Jacket Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating
18 Gauge						
C5F000	1	.020	0.045	.275	50	200°C
C5FP00	2	.020	0.045	.420	105	200°C
C5FP05	4	.020	0.045	.486	170	200°C
C5FP15	8	.020	0.060	.660	335	200°C
C5FP20	12	.020	0.060	.775	455	200°C
C5FP25	16	.020	0.080	0.915	635	200°C
C5FP30	24	.020	0.080	1.080	885	200°C
C5FP35	36	.020	0.080	1.285	1250	200°C
16 Gauge						
C5F100	1	.020	0.045	.295	70	200°C
C5FP50	2	.020	0.045	.460	135	200°C
C5FP55	4	.020	0.045	.570	240	200°C
C5FP65	8	.020	0.060	.720	410	200°C
C5FP70	12	.020	0.060	.850	575	200°C
C5FP75	16	.020	0.080	.995	790	200°C
C5FP80	24	.020	0.080	1.180	1115	200°C
C5FP85	36	.020	0.080	1.410	1590	200°C



FEP/FEP TRAY CABLE

Instrumentation Shielded Triads, 600 Volts, 200°C Dry Special Applications

INDUSTRIAL TRAY CABLE



- CONDUCTOR:**
 - #18 AWG – #16 AWG tinned, annealed copper per ASTM B33
 - Class B stranding per ASTM B8
- INSULATION:**
 - Fluorinated ethylene propylene (FEP)
- JACKET:**
 - Fluorinated ethylene propylene (FEP)
- TRIAD:**
 - Three conductors twisted together with a drain wire and alum/mylar shield
- CABLE:**
 - Shielded triads cabled together with fillers as needed to form a round core
 - An overall alum/mylar shield and drain wire is applied over the core
- VOLTAGE:**
 - 600V
- TEMPERATURE:**
 - 200°C Dry – Special applications
- APPLICATIONS:**
 - For use as a 600 volt, Multi Triad instrumentation cable where flame retardance, Moisture/Chemical resistance, and high temperature rating is critical
 - Cable can be installed in free air, in raceways or direct burial.
 - The cable is also approved for wet or dry locations as well as Class 1 Division II industrial hazardous locations per NEC 501-4(b) for (UL) Type tray cables (TC)
- COLOR CODE:**
 - Triads are black, white and red with pair number printed on the white conductor

- INDUSTRY APPROVALS:**
 - Insulated Conductor - VW-1
 - UL Type TC, 200°C Dry Special Applications
 - Passes UL 1277 Flame Test (70,000 BTU/hr)
 - Passes IEEE 383 Flame Test (70,000 BTU/hr)
 - Passes IEEE 1202 Flame Test (70,000 BTU/hr)
 - Passes ICEA T-29-520 Flame Test (210,000 BTU/hr)
- FEATURES & BENEFITS:**
 - Temperature rating of 200°C dry for special applications
 - Excellent electrical properties
 - Excellent chemical resistance
 - Excellent resistance to fluids
 - Excellent flame resistance
 - Resistant to crush, compression and deformation
 - Low coefficient of friction makes installation easier
 - Good mechanical strength

Part Number	Triads	Insulation Thickness	Jacket Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating
18 Gauge						
C5F005	1	.020	0.045	.290	65	200°C
C5FT00	2	.020	0.045	.460	135	200°C
C5FT05	4	.020	0.060	.570	245	200°C
C5FT10	6	.020	0.060	.645	335	200°C
C5FT15	8	.020	0.060	.720	420	200°C
C5FT20	12	.020	0.060	.850	595	200°C
C5FT25	16	.020	0.080	1.000	815	200°C
C5FT30	24	.020	0.080	1.190	1152	200°C
16 Gauge						
C5F105	1	.020	0.045	.310	85	200°C
C5FT50	2	.020	0.045	.500	165	200°C
C5FT55	4	.020	0.060	.620	310	200°C
C5FT60	6	.020	0.060	.700	415	200°C
C5FT65	8	.020	0.060	.830	575	200°C
C5FT70	12	.020	0.060	.975	800	200°C
C5FT75	16	.020	0.080	1.100	1025	200°C
C5FT80	24	.020	0.080	1.300	1465	200°C

FEP/FEP TRAY CABLE

600 Volts Control Cable, 200°C Dry Special Applications

- CONDUCTOR:**
- #14 AWG – #10 AWG tinned, annealed copper per ASTM B33
 - Class B stranding per ASTM B8
- INSULATION:**
- Fluorinated ethylene propylene (FEP)
- JACKET:**
- Fluorinated ethylene propylene (FEP)
- CABLE:**
- Conductors cabled together with fillers as needed to form a round core
 - A binder tape is applied over the core
- VOLTAGE:**
- 600V
- TEMPERATURE:**
- 200°C Dry – Special applications
- APPLICATIONS:**
- For use as a 600 volt, Multi conductor control cable where flame retardance, Moisture/Chemical resistance, and high temperature rating is critical
 - Cable can be installed in free air, in raceways or direct burial.
 - The cable is also approved for wet or dry locations as well as Class 1 Division II industrial hazardous locations per NEC 501-4(b) for (UL) Type tray cables (TC)
- OPTIONS:**
- Available with insulated ground wires
 - Available with E1 or E2 color code

- COLOR CODE:**
- E1 per ICEA S-73-532 Table E1 (Old K1)
 - E2 per ICEA S-73-532 Table E2 (Old K2)

- INDUSTRY APPROVALS:**
- Insulated Conductor - Type FEP, VW-1
 - Passes UL 1277 Flame Test (70,000 BTU/hr)
 - Passes IEEE 1202 Flame Test (70,000 BTU/hr)
 - UL Type TC, 200°C Dry Special Applications
 - Passes IEEE 383 Flame Test (70,000 BTU/hr)
 - Passes ICEA T-29-520 Flame Test (210,000 BTU/hr)

- FEATURES & BENEFITS:**
- Temperature rating of 200°C dry for special applications
 - Excellent electrical properties
 - Excellent resistance to fluids
 - Resistant to crush, compression and deformation
 - Low coefficient of friction makes installation easier
 - Good mechanical strength
 - Excellent chemical resistance
 - Excellent flame resistance



INDUSTRIAL TRAY CABLE

Part Number	Conductors	Insulation Thickness	Jacket Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating
14 Gauge						
C5F200	2	0.020	0.045	.210 x .320	65	200°C
C5F205	3	0.020	0.045	0.340	100	200°C
C5F210	4	0.020	0.045	0.370	120	200°C
C5F220	7	0.020	0.045	0.435	185	200°C
C5F230	12	0.020	0.060	0.585	320	200°C
C5F240	19	0.020	0.060	0.700	475	200°C
C5F245	25	0.020	0.060	0.785	600	200°C
C5F250	37	0.020	0.080	0.965	905	200°C
12 Gauge						
C5F300	2	0.020	0.045	.225 x .360	90	200°C
C5F305	3	0.020	0.045	0.380	125	200°C
C5F310	4	0.020	0.045	0.415	160	200°C
C5F320	7	0.020	0.045	0.495	250	200°C
C5F330	12	0.020	0.060	0.660	435	200°C
C5F340	19	0.020	0.060	0.795	650	200°C
C5F345	25	0.020	0.080	0.935	880	200°C
C5F350	37	0.020	0.080	1.095	1245	200°C
10 Gauge						
C5F400	2	0.020	0.045	.250 x .405	120	200°C
C5F405	3	0.020	0.045	0.410	175	200°C
C5F410	4	0.020	0.045	0.470	225	200°C
C5F420	7	0.020	0.060	0.600	390	200°C
C5F430	12	0.020	0.060	0.750	625	200°C
C5F440	19	0.020	0.080	0.950	1000	200°C



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FEP/FEP TRAY CABLE

Power Cable, 600 Volts, 200°C Dry Special Applications

INDUSTRIAL TRAY CABLE



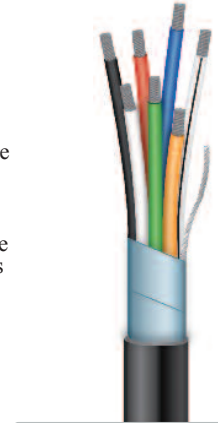
- CONDUCTOR:**
 - #12 AWG – #2 AWG tinned, annealed copper per ASTM B33
 - Class B stranding per ASTM B8
- INSULATION:**
 - Fluorinated ethylene propylene (FEP)
- JACKET:**
 - Fluorinated ethylene propylene (FEP)
- CABLE:**
 - Conductors cabled together with fillers and an uninsulated ground wire, to form a round core
- VOLTAGE:**
 - 600V
- TEMPERATURE:**
 - 200°C Dry – Special applications
- APPLICATIONS:**
 - For use as a 600 volt, Multi conductor power cable where flame retardance, Moisture/Chemical resistance, and high temperature rating is critical
 - Cable can be installed in free air, in raceways or direct burial.
 - The cable is also approved for wet or dry locations as well as Class I Division II industrial hazardous locations per NEC 501-4(b) for (UL) Type tray cables (TC)
- OPTIONS:**
 - Available with insulated ground wires
 - Available with E1 or E2 color code
- COLOR CODE:**
 - Per ICEA Method 4
- INDUSTRY APPROVALS:**
 - Insulated Conductor - Type FEP, VW-1
 - UL Type TC, 200°C Dry Special Applications
 - Passes UL 1277 Flame Test (70,000 BTU/hr)
 - Passes IEEE 383 Flame Test (70,000 BTU/hr)
 - Passes IEEE 1202 Flame Test (70,000 BTU/hr)
 - Passes ICEA T-29-520 Flame Test (210,000 BTU/hr)
- FEATURES & BENEFITS:**
 - Temperature rating of 200°C dry for special applications
 - Excellent electrical properties
 - Excellent chemical resistance
 - Excellent resistance to fluids
 - Excellent flame resistance
 - Resistant to crush, compression and deformation
 - Low coefficient of friction makes installation easier
 - Good mechanical strength

Part Number	Conductors	Insulation Thickness	Jacket Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating
12 Gauge						
C5F302	2	.020	.045			200°C
C5F306	3	.020	.045			200°C
C5F311	4	.020	.045			200°C
10 Gauge						
C5F402	2	.020	.045			200°C
C5F406	3	.020	.045			200°C
C5F411	4	.020	.045			200°C
8 Gauge						
C5F500	2	.030	.045			200°C
C5F505	3	.030	.060			200°C
C5F510	4	.030	.060			200°C
6 Gauge						
C5F525	2	.030	.060			200°C
C5F530	3	.030	.060			200°C
C5F535	4	.030	.060			200°C
4 Gauge						
C5F550	2	.030	.060			200°C
C5F555	3	.030	.060			200°C
C5F560	4	.030	.080			200°C
2 Gauge						
C5F575	2	.030	.080			200°C
C5F580	3	.030	.080			200°C
C5F585	4	.030	.080			200°C

ETFE/ETFE TRAY CABLE

Instrumentation - Shielded Multi-Conductor, 600 Volts 150°C Dry Special Applications

INDUSTRIAL TRAY CABLE



- CONDUCTOR:**
 - #18 AWG – #16 AWG tinned, annealed copper per ASTM B33
 - Class B stranding per ASTM B8
- INSULATION:**
 - Extruded ethylene -tetrafluoroethylene (ETFE)
- JACKET:**
 - Extruded ethylene -tetrafluoroethylene (ETFE)
- CABLE:**
 - Conductors cabled together with fillers as needed to form a round core
 - An overall aluminum mylar shield and drain wire is applied over the core
- VOLTAGE:**
 - 600V
- TEMPERATURE:**
 - 150°C Dry – Special applications
- APPLICATIONS:**
 - For use as a 600 volt, multi conductor instrumentation cable where flame retardance, Moisture/Chemical resistance, and high temperature rating is critical
 - Cable can be installed in free air, in raceways or direct burial.
 - The cable is also approved for wet or dry locations as well as Class 1 Division II industrial hazardous locations per NEC 501-4(b) for (UL) Type tray cables (TC)
- COLOR CODE:**
 - E1 per ICEA S-73-532 Table E1 (Old K1)
 - E2 per ICEA S-73-532 Table E2 (Old K2)

- INDUSTRY APPROVALS:**
 - Insulated Conductor - VW-1
 - UL Type TC, 150°C Dry Special Applications
 - Passes UL 1277 Flame Test (70,000 BTU/hr)
 - Passes IEEE 383 Flame Test (70,000 BTU/hr)
 - Passes IEEE 1202 Flame Test (70,000 BTU/hr)
 - Passes ICEA T-29-520 Flame Test (210,000 BTU/hr)
- FEATURES & BENEFITS:**
 - Temperature rating of 150°C dry for special applications
 - Excellent cut through resistance
 - Excellent electrical properties
 - Excellent chemical resistance
 - Excellent resistance to fluids
 - Excellent flame resistance
 - Resistant to crush, compression and deformation
 - Low coefficient of friction makes installation easier
 - Good mechanical strength

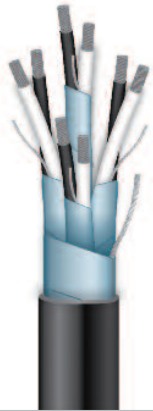
Part Number	Conductors	Insulation Thickness	Jacket Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating
18 Gauge						
C52000	2	.015	0.045	.255	45	150°C
C52005	3	.015	0.045	.265	55	150°C
C52010	4	.015	0.045	.285	65	150°C
C52015	5	.015	0.045	.310	75	150°C
C52020	7	.015	0.045	.330	90	150°C
C52025	9	.015	0.045	.380	115	150°C
C52030	12	.015	0.045	.420	140	150°C
C52035	15	.015	0.045	.465	170	150°C
C52040	19	.015	0.045	.490	205	150°C
C52050	37	.015	0.060	.680	390	150°C
16 Gauge						
C52100	2	.015	0.045	.275	55	150°C
C52105	3	.015	0.045	.290	65	150°C
C52110	4	.015	0.045	.310	80	150°C
C52115	5	.015	0.045	.335	95	150°C
C52120	7	.015	0.045	.365	120	150°C
C52125	9	.015	0.045	.415	145	150°C
C52130	12	.015	0.045	.465	185	150°C
C52135	15	.015	0.045	.510	220	150°C
C52140	19	.015	0.060	.575	290	150°C
C52150	37	.015	0.060	.750	510	150°C



ETFE/ETFE TRAY CABLE

Instrumentation - Shielded Pairs, 600 Volts 150°C Dry Special Applications

INDUSTRIAL TRAY CABLE



CONDUCTOR: • #18 AWG – #16 AWG tinned, annealed copper per ASTM B33
• Class B stranding per ASTM B8

INSULATION: • Extruded ethylene -tetrafluoroethylene (ETFE)

JACKET: • Extruded ethylene -tetrafluoroethylene (ETFE)

PAIR: • Conductors twisted together with a drain wire and alum/mylar shield

CABLE: • Shielded pairs cabled together with fillers as needed to form a round core
• An overall alum/mylar shield and drain wire is applied over the core

VOLTAGE: • 600V

TEMPERATURE: • 150°C Dry – Special applications

APPLICATIONS: • For use as a 600 volt, Multi Pair instrumentation cable where flame retardance, Moisture/Chemical resistance, and high temperature rating is critical
• Cable can be installed in free air, in raceways or direct burial.
• The cable is also approved for wet or dry locations as well as Class 1 Division II industrial hazardous locations per NEC 501-4(b) for (UL) Type tray cables (TC)

FEATURES & BENEFITS: • Temperature rating of 150°C dry for special applications
• Excellent cut through resistance
• Excellent electrical properties
• Excellent chemical resistance
• Excellent resistance to fluids
• Excellent flame resistance
• Resistant to crush, compression and deformation
• Low coefficient of friction makes installation easier
• Good mechanical strength

COLOR CODE: • Pairs are black and white with pair number printed on the white conductor

INDUSTRY APPROVALS: • Insulated Conductor - VW-1
• UL Type TC, 150°C Dry Special Applications
• Passes UL 1277 Flame Test (70,000 BTU/hr)
• Passes IEEE 383 Flame Test (70,000 BTU/hr)
• Passes IEEE 1202 Flame Test (70,000 BTU/hr)
• Passes ICEA T-29-520 Flame Test (210,000 BTU/hr)

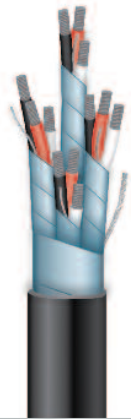
Part Number	Pairs	Insulation Thickness	Jacket Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating
18 Gauge						
C52000	1	.015	0.045	.255	45	150°C
C52P00	2	.015	0.045	.384	90	150°C
C52P05	4	.015	0.045	.445	140	150°C
C52P15	8	.015	0.060	.560	270	150°C
C52P20	12	.015	0.060	.700	380	150°C
C52P25	16	.015	0.080	.790	485	150°C
C52P30	24	.015	0.080	.975	735	150°C
C52P35	36	.015	0.080	1.150	1050	150°C
16 Gauge						
C52100	1	.015	0.045	.275	55	150°C
C52P50	2	.015	0.045	.420	110	150°C
C52P55	4	.015	0.045	.485	180	150°C
C52P65	8	.015	0.060	.655	340	150°C
C52P70	12	.015	0.060	.778	485	150°C
C52P75	16	.015	0.080	.915	660	150°C
C52P80	24	.015	0.080	1.080	940	150°C
C52P85	36	.015	0.080	1.280	1350	150°C

ETFE/ETFE TRAY CABLE

Instrumentation - Shielded Triads, 600 Volts 150°C Dry Special Applications

- CONDUCTOR:**
 - #18 AWG – #16 AWG tinned, annealed copper per ASTM B33
 - Class B stranding per ASTM B8
- INSULATION:**
 - Extruded ethylene -tetrafluoroethylene (ETFE)
- JACKET:**
 - Extruded ethylene -tetrafluoroethylene (ETFE)
- TRIAD:**
 - Three conductors twisted together with a drain wire and alum/mylar shield
- CABLE:**
 - Shielded triads cabled together with fillers as needed to form a round core
 - An overall alum/mylar shield and drain wire is applied over the core
- VOLTAGE:**
 - 600V
- TEMPERATURE:**
 - 150°C Dry – Special applications
- APPLICATIONS:**
 - For use as a 600 volt, Multi Triad instrumentation cable where flame retardance, Moisture/Chemical resistance, and high temperature rating is critical
 - Cable can be installed in free air, in raceways or direct burial.
 - The cable is also approved for wet or dry locations as well as Class 1 Division II industrial hazardous locations per NEC 501-4(b) for (UL) Type tray cables (TC)

- FEATURES & BENEFITS:**
 - Temperature rating of 150°C dry for special applications
 - Excellent cut through resistance
 - Excellent electrical properties
 - Excellent chemical resistance
 - Excellent resistance to fluids
 - Excellent flame resistance
 - Resistant to crush, compression and deformation
 - Low coefficient of friction makes installation easier
 - Good mechanical strength
- COLOR CODE:**
 - Triads are black, white and red with pair number printed on the white conductor
- INDUSTRY APPROVALS:**
 - Insulated Conductor - VW-1
 - UL Type TC, 150°C Dry Special Applications
 - Passes UL 1277 Flame Test (70,000 BTU/hr)
 - Passes IEEE 383 Flame Test (70,000 BTU/hr)
 - Passes IEEE 1202 Flame Test (70,000 BTU/hr)
 - Passes ICEA T-29-520 Flame Test (210,000 BTU/hr)



INDUSTRIAL TRAY CABLE

Part Number	Triads	Insulation Thickness	Jacket Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating
18 Gauge						
C52005	1	.015	0.045	.265	55	150°C
C52T00	2	.015	0.045	.420	110	150°C
C52T05	4	.015	0.045	.485	180	150°C
C52T10	6	.015	0.060	.585	275	150°C
C52T15	8	.015	0.060	.655	345	150°C
C52T20	12	.015	0.060	.770	490	150°C
C52T25	16	.015	0.080	.910	670	150°C
C52T30	24	.015	0.080	1.075	950	150°C
16 Gauge						
C52105	1	.015	0.045	.290	65	150°C
C52T50	2	.015	0.045	.460	140	150°C
C52T55	4	.015	0.060	.570	255	150°C
C52T60	6	.015	0.060	.645	350	150°C
C52T65	8	.015	0.060	.720	445	150°C
C52T70	12	.015	0.060	.890	375	150°C
C52T75	16	.015	0.080	1.000	865	150°C
C52T80	24	.015	0.080	1.190	1240	150°C



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ETFE/ETFE TRAY CABLE

Control Cable - Multi Conductor, 600 Volts 150°C Dry Special Applications

INDUSTRIAL TRAY CABLE



CONDUCTOR: • #14 AWG – #10 AWG tinned, annealed copper per ASTM B33
• Class B stranding per ASTM B8

INSULATION: • Extruded ethylene -tetrafluoroethylene (ETFE)

JACKET: • Extruded ethylene -tetrafluoroethylene (ETFE)

CABLE: • Conductors cabled together with fillers as needed to form a round core
• A binder tape is applied over the core

VOLTAGE: • 600V

TEMPERATURE: • 150°C Dry – Special applications

APPLICATIONS: • For use as a 600 volt, Multi conductor control cable where flame retardance, Moisture/Chemical resistance, and high temperature rating is critical
• Cable can be installed in free air, in raceways or direct burial.
• The cable is also approved for wet or dry locations as well as Class 1 Division II industrial hazardous locations per NEC 501-4(b) for (UL) Type tray cables (TC)

OPTIONS: • Available with insulated ground wires

• Available with E1 or E2 color code

COLOR CODE: • E1 per ICEA S-73-532 Table E1 (Old K1)

• E2 per ICEA S-73-532 Table E2 (Old K2)

INDUSTRY APPROVALS: • Insulated Conductor - Type Z, VW-1

• UL Type TC, 150°C Dry Special Applications

• Passes UL 1277 Flame Test (70,000 BTU/hr)

• Passes IEEE 383 Flame Test (70,000 BTU/hr)

• Passes IEEE 1202 Flame Test (70,000 BTU/hr)

• Passes ICEA T-29-520 Flame Test (210,000 BTU/hr)

FEATURES & BENEFITS: • Temperature rating of 150°C dry for special applications

• Excellent cut through resistance

• Excellent electrical properties

• Excellent chemical resistance

• Excellent resistance to fluids

• Excellent flame resistance

• Resistant to crush, compression and deformation

• Low coefficient of friction makes installation easier

• Good mechanical strength

Part Number	Conductors	Insulation Thickness	Jacket Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating
14 Gauge						
*C5Z200	2	0.015	0.045	.200 x .300	55	150°C
C5Z205	3	0.015	0.045	.320	80	150°C
C5Z210	4	0.015	0.045	.345	100	150°C
C5Z220	7	0.015	0.045	.405	155	150°C
C5Z230	12	0.015	0.045	.505	245	150°C
C5Z240	19	0.015	0.060	.650	400	150°C
C5Z245	25	0.015	0.060	.725	505	150°C
C5Z250	37	0.015	0.080	.890	760	150°C
12 Gauge						
*C5Z300	2	0.015	0.045	.215 x .340	75	150°C
C5Z305	3	0.015	0.045	.360	110	150°C
C5Z310	4	0.015	0.045	.390	140	150°C
C5Z320	7	0.015	0.045	.465	220	150°C
C5Z330	12	0.015	0.060	.620	380	150°C
C5Z340	19	0.015	0.060	.745	570	150°C
C5Z345	25	0.015	0.080	.875	770	150°C
C5Z350	37	0.015	0.080	1.023	1093	150°C
10 Gauge						
*C5Z400	2	0.020	0.045	.250 x .405	105	150°C
C5Z405	3	0.020	0.045	.430	160	150°C
C5Z410	4	0.020	0.045	.470	205	150°C
C5Z420	7	0.020	0.060	.600	360	150°C
C5Z430	12	0.020	0.060	.750	575	150°C
C5Z440	19	0.020	0.080	.950	950	150°C

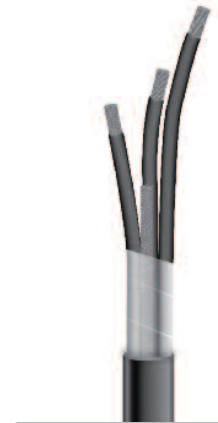
ETFE/ETFE TRAY CABLE

Power - Multi Conductor, 600 Volts, 150°C Dry Special Applications

- CONDUCTOR:**
 - #12 AWG – #2 AWG tinned, annealed copper per ASTM B33
 - Class B stranding per ASTM B8
- INSULATION:**
 - Extruded ethylene -tetrafluoroethylene (ETFE)
- JACKET:**
 - Extruded ethylene -tetrafluoroethylene (ETFE)
- CABLE:**
 - Conductors cabled together with fillers and an uninsulated ground wire, to form a round core
- VOLTAGE:**
 - 600V
- TEMPERATURE:**
 - 150°C Dry – Special applications
- APPLICATIONS:**
 - For use as a 600 volt, Multi conductor power cable where flame retardance, Moisture/Chemical resistance, and high temperature rating is critical
 - Cable can be installed in free air, in raceways or direct burial.
 - The cable is also approved for wet or dry locations as well as Class 1 Division II industrial hazardous locations per NEC 501-4(b) for (UL) Type tray cables (TC)
- OPTIONS:**
 - Available with insulated ground wires
 - Available with E1 or E2 color code
- COLOR CODE:**
 - Per ICEA Method 4

- INDUSTRY APPROVALS:**
 - Insulated Conductor - Type Z, VW-1
 - UL Type TC, 150°C Dry Special Applications
 - Passes UL 1277 Flame Test (70,000 BTU/hr)
 - Passes IEEE 383 Flame Test (70,000 BTU/hr)
 - Passes IEEE 1202 Flame Test (70,000 BTU/hr)
 - Passes ICEA T-29-520 Flame Test (210,000 BTU/hr)

- FEATURES & BENEFITS:**
 - Temperature rating of 150°C dry for special applications
 - Excellent cut through resistance
 - Excellent electrical properties
 - Excellent chemical resistance
 - Excellent resistance to fluids
 - Excellent flame resistance
 - Resistant to crush, compression and deformation
 - Low coefficient of friction makes installation easier
 - Good mechanical strength



INDUSTRIAL TRAY CABLE

Part Number	Conductors	Insulation Thickness	Jacket Thickness	Overall Diameter	Weight lbs/k ft	Temp Rating
12 Gauge						
C5Z302	2	.015	.045	.340	105	150°C
C5Z306	3	.015	.045	.360	130	150°C
C5Z311	4	.015	.045	.390	155	150°C
10 Gauge						
C5Z402	2	.020	.045	.410	150	150°C
C5Z406	3	.020	.045	.430	190	150°C
C5Z411	4	.020	.045	.470	235	150°C
8 Gauge						
C5Z500	2	.025	.045	.480	205	150°C
C5Z505	3	.025	.045	.510	270	150°C
C5Z510	4	.025	.060	.595	365	150°C
6 Gauge						
C5Z525	2	.025	.060	.600	325	150°C
C5Z530	3	.025	.060	.635	425	150°C
C5Z535	4	.025	.060	.700	530	150°C
4 Gauge						
C5Z550	2	.025	.060	.700	445	150°C
C5Z555	3	.025	.060	.740	600	150°C
C5Z560	4	.025	.060	.815	755	150°C
2 Gauge						
C5Z575	2	.035	.080	.900	720	150°C
C5Z580	3	.035	.080	.950	970	150°C
C5Z585	4	.035	.080	1.045	1225	150°C



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THERMOCOUPLE PRODUCT GUIDE



INSULATED THERMOCOUPLE AND EXTENSION WIRE PRODUCTS GUIDE

Insulated thermocouple wire and thermocouple extension wire products are used to assist in monitoring and controlling temperatures in a wide and varied range of environments.

General

Information contained in this brochure is intended to help customers select the proper products for required applications. The following information will serve as a handy reference to some of the nomenclature involved with thermocouple and extension wire and insulation systems. By following this information, orders can be placed easily and accurately.

Thermocouple Wire

A well calibrated temperature sensing device allowing accuracy in critical environment measurements.

Thermocouple Extension Wire

Provides an economical way of carrying the signal (measured in millivolts) to an instrument.

Thermocouple System

The thermocouple wire, extension wire and instrument must correspond so that the signal will flow accurately. The basic system selected (ANSI type) for the application must take into consideration conditions such as length of service, atmosphere, temperature and desired response time. Smaller gauges provide faster response time with a shorter service life at elevated temperatures while larger gauge sizes provide longer service life and slower response time.

ANSI Letter Designations

Thermocouple and extension wires are specified by ANSI letter designations for calibration. Positive and negative legs are identified by the appropriate letter suffixes P and N respectively.

ANSI	Description	Popular Generic & Trade Names
E	EP	Chromel, Tophel
	EN	Constantan, Cupron, Advance
J	JP	Iron
	JN	Constantan, Cupron, Advance
K	KP	Chromel, Tophel
	KN	Alumel, Nial
T	TP	Copper
	TN	Constantan, Cupron, Advance
N	NP	Nicrosil
	NN	Nisil
R	RP	Platinum 13% Rhodium
	RN	100% Platinum
S	SP	Platinum 10% Rhodium
	SN	100% Platinum
B	BP	Platinum 30% Rhodium
	BN	Platinum 6% Rhodium

THERMOCOUPLE PRODUCT GUIDE



Color Coding

With the exception of very high temperature insulation constructions such as ceramic fiber and vitreous silica fiber, all insulated thermocouple wire and extension wire is color coded. ANSI color codes are employed as a standard unless otherwise requested. Colored tracers may be employed on braided items to identify individual conductors and/or as an identifier in overall braids to determine the thermocouple type.

	ANSI TC GRADE	ANSI EXT GRADE	BRITISH BS 1843	FRENCH NFC 42-323	GERMAN DIN 43714	JAPANESE JISC 1610	IEC to 584	IEC INTRINSICALLY SAFE
EP	VIOLET	VIOLET	BROWN	YELLOW	RED	RED	VIOLET	VIOLET
EN	RED	RED	BLUE	VIOLET	BLACK	WHITE	WHITE	WHITE
OVERALL	BROWN	VIOLET	BROWN	VIOLET	BLACK	VIOLET	VIOLET	BLUE
JP	WHITE	WHITE	YELLOW	YELLOW	RED	RED	BLACK	BLACK
JN	RED	RED	BLUE	BLACK	BLUE	WHITE	WHITE	WHITE
OVERALL	BROWN	BLACK	BLACK	BLACK	BLUE	YELLOW	BLACK	BLUE
KP	YELLOW	YELLOW	BROWN	YELLOW	RED	RED	GREEN	GREEN
KN	RED	RED	BLUE	VIOLET	GREEN	WHITE	WHITE	WHITE
OVERALL	BROWN	YELLOW	RED	YELLOW	GREEN	BLUE	GREEN	BLUE
TP	BLUE	BLUE	WHITE	YELLOW	RED	RED	BROWN	BROWN
TN	RED	RED	BLUE	BLUE	BROWN	WHITE	WHITE	WHITE
OVERALL	BROWN	BLUE	BLUE	BLUE	BROWN	BROWN	BROWN	BLUE
NP	ORANGE	ORANGE	N/A	N/A	N/A	N/A	PINK	PINK
NN	RED	RED					WHITE	WHITE
OVERALL	BROWN	ORANGE					PINK	BLUE
RP SP	GREEN	GREEN	WHITE	YELLOW	RED	RED	ORANGE	ORANGE
RN SN	RED	RED	BLUE	GREEN	WHITE	WHITE	WHITE	WHITE
OVERALL	N/A	GREEN	GREEN	GREEN	WHITE	BLACK	ORANGE	BLUE
BP	GRAY	GRAY	N/A	N/A	RED	RED	GRAY	GRAY
BN	RED	RED			GRAY	GRAY	WHITE	WHITE
OVERALL	N/A	GRAY			GRAY	GRAY	GRAY	BLUE

FIBERGLASS BRAID INSULATION & JACKET

900°F 482°C Continuous 1000°F 538°C Single Reading

THERMOCOUPLE WIRE



CONDUCTOR: • Thermocouple wire per ANSI MC 96.1 & ASTM E230 (Solid or stranded available)

INSULATION: • Fiberglass braid with a high temperature saturant

JACKET: • Fiberglass braid with a high temperature saturant

TEMPERATURE: • 900°F 482°C Continuous
• 1000°F 538°C Single Reading

OPTIONS: • Stainless Steel, Inconel, or Tin Plated Copper overbraid is available on request
• Types E, J, K, T
• Other Types available on request

APPLICATIONS: • Widely used in industrial applications such as steel, aluminum and glass plants
• Also used on injection molding and extrusion equipment and the heat treating industry

FEATURES & BENEFITS: • Excellent flame retardance, resistance to acids, solvents and bases
• Good resistance to moisture and abrasion
• Good flexibility

Part Number	Conductors		Insulation		Jacket		OD		Shipping Weight	
	AWG	MM ²	Inches	MM	Inches	MM	Inches	MM	Lbs/MF	Kg/Km
C4G_00	24	0.51	0.005	0.13	0.005	0.13	.040 x .070	1.02 x 1.78	4	6
C4G_10	22	0.64	0.005	0.13	0.005	0.13	.045 x .080	1.14 x 2.03	5	7
C4G_20	20	0.81	0.005	0.13	0.005	0.13	.052 x .094	1.32 x 2.39	8	12
C4G_30	18	1.02	0.005	0.13	0.005	0.13	.060 x .110	1.52 x 2.79	13	19
C4G_40	16	1.29	0.005	0.13	0.005	0.13	.070 x .130	1.78 x 3.30	21	31
C4G_05	24(7)	0.61	0.005	0.13	0.005	0.13	1.12 x 1.98	1.12 x 1.98	4	6
C4G_25	20(7)	0.97	0.005	0.13	0.005	0.13	1.42 x 2.59	1.42 x 2.59	8	12
C4G_45	16(7)	1.47	0.005	0.13	0.005	0.13	1.98 x 3.70	1.98 x 3.70	21	31

0=E, 1=J, 2=K, 3=T

Conductor insulation and overall jacket are color coded per ANSI MC 96.1 and ASTM E230. International color codes available on request.

Available in standard and special limits of error per ANSI MC 96.1, ASTM E230 and IEC 584.



HIGH TEMPERATURE FIBERGLASS BRAID

1300°F 704°C Continuous 1600°F 871°C Single Reading

CONDUCTOR: • Thermocouple wire per ANSI MC 96.1 & ASTM E230 (Solid or stranded available)

INSULATION: • High temperature fiberglass braid and saturant

JACKET: • High temperature fiberglass braid and saturant

TEMPERATURE: • 1300°F 704°C Continuous
• 1600°F 871°C Single Reading

OPTIONS: • Stainless Steel, Inconel, or Tin Plated Copper overbraid is available on request
• Types E, J, K, T
• Other Types available on request

APPLICATIONS: • Widely used in industrial applications such as steel, aluminum and glass plants
• Also used in the heat treating industry, furnace surveys and temperature sensors

FEATURES & BENEFITS: • Excellent flame retardance, resistance to acids, solvents and bases
• Good resistance to moisture and abrasion
• Good flexibility



THERMOCOUPLE WIRE

Part Number	Conductors		Insulation		Jacket		OD		Shipping Weight	
	AWG	MM ²	Inches	MM	Inches	MM	Inches	MM	Lbs/MF	Kg/Km
C4S_00	24	0.51	0.010	0.25	0.010	0.25	.060 X .100	1.52 X 2.54	5	7
C4S_10	22	0.64	0.010	0.25	0.010	0.25	.065 X .110	1.65 X 2.79	6	9
C4S_20	20	0.81	0.010	0.25	0.010	0.25	.072 X .124	1.83 X 3.15	9	13
C4S_30	18	1.02	0.010	0.25	0.010	0.25	.080 X .140	2.03 X 3.56	15	22
C4S_40	16	1.29	0.010	0.25	0.010	0.25	.090 X .160	2.29 X 4.06	34	34
C4S_05	24(7)	0.61	0.010	0.25	0.010	0.25	.064 X .106	1.63 X 2.74	7	7
C4S_25	20(7)	0.97	0.010	0.25	0.010	0.25	.076 X .132	1.93 X 3.35	13	13
C4S_45	16(7)	1.47	0.010	0.25	0.010	0.25	.098 X .176	2.49 X 4.47	34	34

0=E, 1=J, 2=K, 3=T

Conductor insulation and overall jacket are color coded per ANSI MC 96.1 and ASTM E230. International color codes available on request.

Available in standard and special limits of error per ANSI MC 96.1, ASTM E230 and IEC 584.



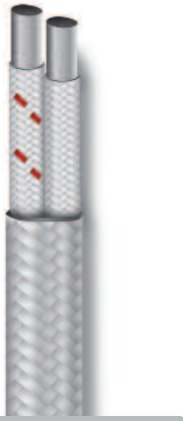
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VITREOUS SILICA BRAID

1600°F 871°C Continuous 2000°F 1093°C Single Reading

THERMOCOUPLE WIRE



CONDUCTOR: • Thermocouple wire per ANSI MC 96.1 & ASTM E230 (Solid or stranded available)

INSULATION: • Vitreous Silica braid

JACKET: • Vitreous Silica braid

TEMPERATURE: • 1600°F 871°C Continuous
• 2000°F 1093°C Single Reading

OPTIONS: • Types E, J, K, T
• Other Types available on request

APPLICATIONS: • Widely used in industrial applications such as steel, aluminum and glass plants
• Also used in the heat treating industry and furnace surveys

FEATURES & BENEFITS: • Excellent flame retardance and resistance to elevated temperatures
• Poor resistance to moisture and abrasion

Part Number	Conductors		Insulation		Jacket		OD		Shipping Weight	
	AWG	MM ²	Inches	MM	Inches	MM	Inches	MM	Lbs/MF	Kg/Km
C4R_00	24	0.51	0.010	0.25	0.010	0.25	.060 X .100	1.52 X 2.54	5	7
C4R_10	22	0.64	0.010	0.25	0.010	0.25	.065 X .110	1.65 X 2.79	6	9
C4R_20	20	0.81	0.010	0.25	0.010	0.25	.072 X .124	1.83 X 3.15	9	13
C4R_30	18	1.02	0.010	0.25	0.010	0.25	.080 X .140	2.03 X 3.56	15	22
C4R_40	16	1.29	0.010	0.25	0.010	0.25	.090 X .160	2.29 X 4.06	34	34
C4R_05	24(7)	0.61	0.010	0.25	0.010	0.25	.064 X .106	1.63 X 2.74	7	7
C4R_25	20(7)	0.97	0.010	0.25	0.010	0.25	.076 X .132	1.93 X 3.35	13	13
C4R_45	16(7)	1.47	0.010	0.25	0.010	0.25	.098 X .176	2.49 X 4.47	34	34

0=E, 1=J, 2=K, 3=T

Negative conductors is color coded with a tracer per ANSI MC 96.1 and ASTM E230. International color codes available on request.

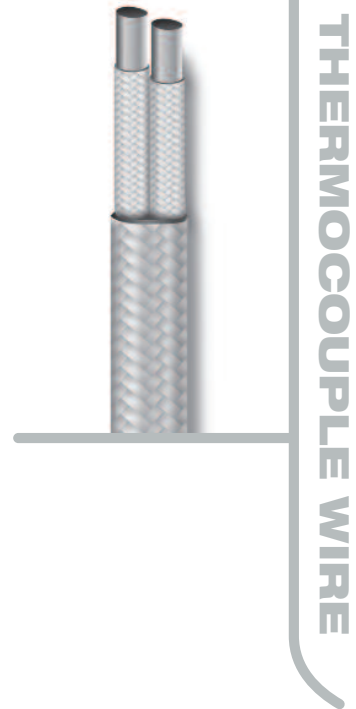
Available in standard and special limits of error per ANSI MC 96.1, ASTM E230 and IEC 584.



CERAMIC FIBER BRAID INSULATION & JACKET

2200°F 1204°C Continuous 2600°F 1427°C Single Reading

- CONDUCTOR:** • Thermocouple wire per ANSI MC 96.1 & ASTM E230 (Solid or stranded available)
- INSULATION:** • Ceramic Fiber braid
- JACKET:** • Ceramic Fiber braid
- TEMPERATURE:** • 2200°F 1204°C Continuous
• 2600°F 1427°C Single Reading
- OPTIONS:** • Stainless Steel, Inconel, or Tin Plated Copper overbraid is available on request
• Types E, J, K, T
• Other Types available on request
- APPLICATIONS:** • Widely used in industrial applications such as steel, aluminum, glass plants and the production of metals
• Also used in the heat treating industry, furnace surveys and beaded thermocouple replacement
- FEATURES & BENEFITS:** • Excellent flame retardance
• Excellent resistance to elevated temperatures
• Good resistance to abrasion



Part Number	Conductors		Insulation		Jacket		OD		Shipping Weight	
	AWG	MM ²	Inches	MM	Inches	MM	Inches	MM	Lbs/MF	Kg/Km
C4C_00	24	0.51	0.014	0.36	0.014	0.36	.076 X .124	1.9 X 3.2	6	9
C4C_10	22	0.64	0.014	0.36	0.014	0.36	.081 X .135	2.1 X 3.4	7	10
C4C_20	20	0.81	0.014	0.36	0.014	0.36	.088 X .148	2.2 X 3.8	11	16
C4C_30	18	1.02	0.014	0.36	0.014	0.36	.096 X .164	2.4 X 4.2	16	24
C4C_40	16	1.29	0.014	0.36	0.014	0.36	.107 X .186	2.7 X 4.7	25	37
C4C_05	24(7)	0.61	0.014	0.36	0.014	0.36	.080 X .132	2.0 X 3.4	6	9
C4C_25	20(7)	0.97	0.014	0.36	0.014	0.36	.092 X .156	2.3 X 4.0	11	16
C4C_45	16(7)	1.47	0.014	0.36	0.014	0.36	.114 X .200	2.9 X 5.0	25	37

0=E, 1=J, 2=K, 3=T

Available in standard and special limits of error per ANSI MC 96.1, ASTM E230 and IEC 584.



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KAPTON® INSULATION & JACKET

600°F 316°C Continuous 800°F 427°C Single Reading

THERMOCOUPLE WIRE



CONDUCTOR: • Thermocouple wire per ANSI MC 96.1 & ASTM E230 (Solid or stranded available)

INSULATION: • Fused polyimide tape

JACKET: • Fused polyimide tape

TEMPERATURE: • 900°F 482°C Continuous
• 1000°F 538°C Single Reading

OPTIONS: • Stainless Steel, Inconel, or Tin Plated Copper overbraid is available on request
• Types E, J, K, T
• Other Types available on request

APPLICATIONS: • Widely used in petrochemical facilities, the aerospace industry and also in electrical generating facilities
• Also provides stability in low temperature applications

FEATURES & BENEFITS: • Excellent flame retardance and chemical resistance
• Excellent resistance to acids, solvents, radiation and abrasion
• Good resistance to moisture

Part Number	Conductors		Insulation		Jacket		OD		Shipping Weight	
	AWG	MM ²	Inches	MM	Inches	MM	Inches	MM	Lbs/MF	Kg/Km
C4K_00	24	0.51	0.006	.15	0.006	.15	.080 X .130	2.0 X 3.3	4	6
C4K_10	22	0.64	0.006	.15	0.006	.15	.085 X .141	2.2 X 3.6	6	9
C4K_20	20	0.81	0.006	.15	0.006	.15	.092 X .154	2.3 X 3.9	9	13
C4K_30	18	1.02	0.006	.15	0.006	.15	.100 X .170	2.5 X 4.3	14	21
C4K_40	16	1.29	0.006	.15	0.006	.15	.111 X .192	2.8 X 4.9	20	30
C4K_05	24(7)	0.61	0.006	.15	0.006	.15	.084 X .138	2.1 X 3.5	4	6
C4K_25	20(7)	0.97	0.006	.15	0.006	.15	.096 X .162	2.4 X 4.1	9	13
C4K_45	16(7)	1.47	0.006	.15	0.006	.15	.119 X .208	3.0 X 5.3	20	30

0=E, 1=J, 2=K, 3=T

Conductor insulation is color coded per ANSI MC 96.1 and ASTM E230. International color codes available on request.

Available in standard and special limits of error per ANSI MC 96.1, ASTM E230 and IEC 584.



PTFE INSULATION & JACKET

500°F 260°C Continuous 600°F 316°C Single Reading

THERMOCOUPLE WIRE



- CONDUCTOR:** • Thermocouple wire per ANSI MC 96.1 & ASTM E230 (Solid or stranded available)
- INSULATION:** • Fused PTFE tape
- JACKET:** • Fused PTFE tape
- TEMPERATURE:** • 500°F 260°C Continuous
• 600°F 316°C Single Reading
- OPTIONS:** • Stainless Steel, Inconel, or Tin Plated Copper overbraid is available on request
• Types E, J, K, T
• Other Types available on request
- APPLICATIONS:** • Widely used in petrochemical facilities, the aerospace industry and also in temperature sensors
• Also provides stability in low temperature applications
- FEATURES & BENEFITS:** • Excellent flame retardance and chemical resistance
• Excellent resistance to acids, solvents and moisture
• Excellent resistance to abrasion

Part Number	Conductors		Insulation		Jacket		OD		Shipping Weight	
	AWG	MM ²	Inches	MM	Inches	MM	Inches	MM	Lbs/MF	Kg/Km
C4T_00	24	0.51	0.006	.15	0.006	.15	.080 X .130	2.0 X 3.3	4	6
C4T_10	22	0.64	0.006	.15	0.006	.15	.085 X .141	2.2 X 3.6	6	9
C4T_20	20	0.81	0.006	.15	0.006	.15	.092 X .154	2.3 X 3.9	9	13
C4T_30	18	1.02	0.006	.15	0.006	.15	.100 X .170	2.5 X 4.3	14	21
C4T_40	16	1.29	0.006	.15	0.006	.15	.111 X .192	2.8 X 4.9	20	30
C4T_05	24(7)	0.61	0.006	.15	0.006	.15	.084 X .138	2.1 X 3.5	4	6
C4T_25	20(7)	0.97	0.006	.15	0.006	.15	.096 X .162	2.4 X 4.1	9	13
C4T_45	16(7)	1.47	0.006	.15	0.006	.15	.119 X .208	3.0 X 5.3	20	30

0=E, 1=J, 2=K, 3=T

Conductor insulation and overall jacket are color coded per ANSI MC 96.1 and ASTM E230. International color codes available on request.

Available in standard and special limits of error per ANSI MC 96.1, ASTM E230 and IEC 584.



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PFA INSULATION & JACKET

500°F 260°C Continuous 550°F 290°C Single Reading

THERMOCOUPLE WIRE



CONDUCTOR: • Thermocouple wire per ANSI MC 96.1 & ASTM E230 (Solid or stranded available)

INSULATION: • Extruded PFA

JACKET: • Extruded PFA

TEMPERATURE: • 500°F 260°C Continuous
• 550°F 290°C Single Reading

OPTIONS: • Stainless Steel, Inconel, or Tin Plated Copper overbraid is available on request
• Available in single and multi twisted shielded pair constructions
• Types E, J, K, T
• Other Types available on request

APPLICATIONS: • Widely used in petrochemical facilities, the aerospace industry and also in electrical generating facilities
• Also provides stability in low temperature applications

FEATURES & BENEFITS: • Excellent flame retardance and chemical resistance
• Excellent resistance to acids, solvents, and abrasion
• Good resistance to moisture

Part Number	Conductors		Insulation		Jacket		OD		Shipping Weight	
	AWG	MM ²	Inches	MM	Inches	MM	Inches	MM	Lbs/MF	Kg/Km
C4P_00	24	0.51	0.008	0.20	0.010	0.25	.056 X .092	1.4 X 2.3	5	7
C4P_10	22	0.64	0.008	0.20	0.010	0.25	.061 X .102	1.5 X 2.6	7	10
C4P_20	20	0.81	0.008	0.20	0.010	0.25	.068 X .116	1.7 X 2.9	10	15
C4P_30	18	1.02	0.008	0.20	0.010	0.25	.076 X .132	1.9 X 3.4	15	22
C4P_40	16	1.29	0.008	0.20	0.010	0.25	.087 X .154	2.2 X 3.9	22	33
C4P_05	24(7)	0.61	0.008	0.20	0.010	0.25	.060 X .100	1.6 X 2.7	6	8
C4P_25	20(7)	0.97	0.008	0.20	0.010	0.25	.072 X .124	1.8 X 3.1	11	16
C4P_45	16(7)	1.47	0.008	0.20	0.010	0.25	.094 X .168	2.4 X 4.3	22	33

0=E, 1=J, 2=K, 3=T

Conductor insulation and overall jacket are color coded per ANSI MC 96.1 and ASTM E230. International color codes available on request.

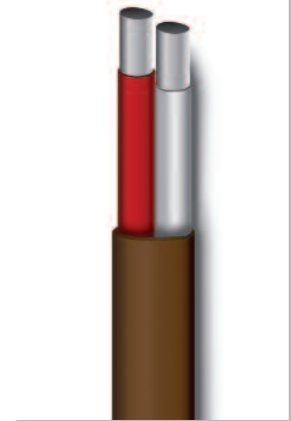
Available in standard and special limits of error per ANSI MC 96.1, ASTM E230 and IEC 584.



FEP INSULATION & JACKET

392°F 200°C Continuous 500°F 260°C Single Reading

- CONDUCTOR:**
 - Thermocouple wire per ANSI MC 96.1 & ASTM E230 (Solid or stranded available)
- INSULATION:**
 - Extruded FEP
- JACKET:**
 - Extruded FEP
- TEMPERATURE:**
 - 392°F 200°C Continuous
 - 500°F 260°C Single Reading
- OPTIONS:**
 - Stainless Steel, Inconel, or Tin Plated Copper overbraid is available on request
 - Available in single and multi twisted shielded pair constructions
 - Types E, J, K, T
 - Other Types available on request
- APPLICATIONS:**
 - Widely used in petrochemical facilities, the aerospace industry and also in temperature sensors
 - Also provides stability in low temperature applications
- FEATURES & BENEFITS:**
 - Excellent flame retardance and chemical resistance
 - Excellent resistance to acids, solvents and moisture
 - Excellent resistance to abrasion



THERMOCOUPLE WIRE

Part Number	Conductors		Insulation		Jacket		OD		Shipping Weight	
	AWG	MM ²	Inches	MM	Inches	MM	Inches	MM	Lbs/MF	Kg/Km
C4F_00	24	0.51	0.008	0.20	0.010	0.25	.056 X .092	1.4 X 2.3	5	7
C4F_10	22	0.64	0.008	0.20	0.010	0.25	.061 X .102	1.5 X 2.6	7	10
C4F_20	20	0.81	0.008	0.20	0.010	0.25	.068 X .116	1.7 X 2.9	10	15
C4F_30	18	1.02	0.008	0.20	0.010	0.25	.076 X .132	1.9 X 3.4	15	22
C4F_40	16	1.29	0.008	0.20	0.010	0.25	.087 X .154	2.2 X 3.9	22	33
C4F_05	24(7)	0.61	0.008	0.20	0.010	0.25	.060 X .100	1.6 X 2.7	6	8
C4F_25	20(7)	0.97	0.008	0.20	0.010	0.25	.072 X .124	1.8 X 3.1	11	16
C4F_45	16(7)	1.47	0.008	0.20	0.010	0.25	.094 X .168	2.4 X 4.3	22	33

0=E, 1=J, 2=K, 3=T

Conductor insulation and overall jacket are color coded per ANSI MC 96.1 and ASTM E230. International color codes available on request.

Available in standard and special limits of error per ANSI MC 96.1, ASTM E230 and IEC 584.



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SILICONE RUBBER GLASS BRAID

392°F 200°C Continuous 500°F 260°C Single Reading

THERMOCOUPLE WIRE



CONDUCTOR: • Thermocouple wire per ANSI MC 96.1 & ASTM E230 (Solid or stranded available)

INSULATION: • Extruded silicone rubber with a fiberglass braid and saturant

JACKET: • Fiberglass braid with a saturant

TEMPERATURE: • 392°F 200°C Continuous
• 500°F 260°C Single Reading

OPTIONS: • Stainless Steel, Inconel, or Tin Plated Copper overbraid is available on request
• Types E, J, K, T
• Other Types available on request

APPLICATIONS: • Used in applications requiring increased flexibility
• Also used in environments that require functionality when exposed to catastrophic fire (Circuit Integrity)

FEATURES & BENEFITS: • Good flame retardance and moisture resistance
• Excellent flexibility
• Provides circuit integrity when exposed to fire/flame
• Available with an optional Silicone rubber jacket in place of the fiberglass braid
• Available with an optional FEP extrusion over the inner braid to provide oil and chemical resistance

Part Number	Conductors		Insulation		Jacket		OD		Shipping Weight	
	AWG	MM ²	Inches	MM	Inches	MM	Inches	MM	Lbs/MF	Kg/Km
C4X_00	24	0.51	0.015	0.38	0.005	0.13	.070 X .130	1.8 X 3.3	6	9
C4X_10	22	0.64	0.015	0.38	0.005	0.13	.075 X .140	1.9 X 3.6	8	12
C4X_20	20	0.81	0.015	0.38	0.005	0.13	.082 X .154	2.1 X 3.9	12	18
C4X_30	18	1.02	0.015	0.38	0.005	0.13	.090 X .170	2.3 X 4.3	16	24
C4X_40	16	1.29	0.015	0.38	0.005	0.13	.101 X .192	2.6 X 4.9	22	34
C4X_05	24(7)	0.61	0.015	0.38	0.005	0.13	.074 X .138	1.9 X 3.5	7	10
C4X_25	20(7)	0.97	0.015	0.38	0.005	0.13	.086 X .162	2.2 X 4.1	13	19
C4X_45	16(7)	1.47	0.015	0.38	0.005	0.13	.108 X .206	2.7 X 5.2	23	35

0=E, 1=J, 2=K, 3=T

Conductor insulation and overall jacket are color coded per ANSI MC 96.1 and ASTM E230. International color codes available on request.

Available in standard and special limits of error per ANSI MC 96.1, ASTM E230 and IEC 584.



PVC INSULATION & JACKET

221°F 105°C Continuous

CONDUCTOR: • Thermocouple wire per ANSI MC 96.1 & ASTM E230
(Solid or stranded available)

INSULATION: • Extruded PVC

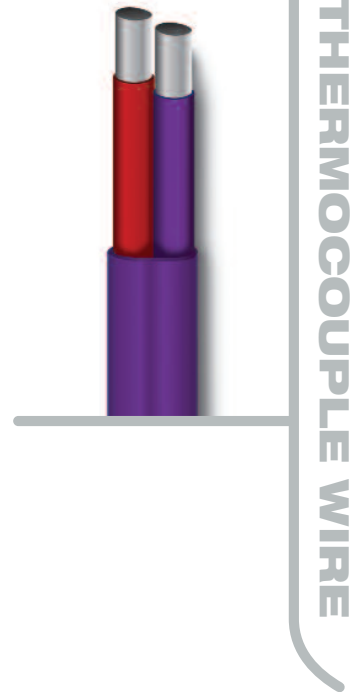
JACKET: • Extruded PVC

TEMPERATURE: • 221°F 105°C Continuous

OPTIONS: • Stainless Steel, Inconel, or Tin Plated Copper overbraid is available on request
• Available with PLTC rating in single pair and multi pair constructions
• Types Ex, Jx, Kx, Tx
• Other Types available on request

APPLICATIONS: • Widely used in all industry for extension grade applications and temperature sensors

FEATURES & BENEFITS: • Good flame retardance and chemical resistance
• Good resistance to acids, moisture and abrasion
• Excellent flexibility



Part Number	Conductors		Insulation		Jacket		OD		Shipping Weight	
	AWG	MM ²	Inches	MM	Inches	MM	Inches	MM	Lbs/MF	Kg/Km
C4V_00	24	0.51	0.015	0.38	0.015	0.38	.080 X .130	2.0 X 3.3	7	10
C4V_10	22	0.64	0.015	0.38	0.015	0.38	.085 X .140	2.2 X 3.6	9	13
C4V_20	20	0.81	0.015	0.38	0.015	0.38	.092 X .154	2.3 X 3.9	12	18
C4V_30	18	1.02	0.015	0.38	0.015	0.38	.100 X .170	2.5 X 4.3	16	24
C4V_40	16	1.29	0.015	0.38	0.015	0.38	.111 X .192	2.8 X 4.9	23	35
C4V_05	24(7)	0.61	0.015	0.38	0.015	0.38	.084 X .138	2.1 X 3.5	8	11
C4V_25	20(7)	0.97	0.015	0.38	0.015	0.38	.096 X .162	2.4 X 4.1	13	19
C4V_45	16(7)	1.47	0.015	0.38	0.015	0.38	.118 X .206	3.0 X 5.2	24	36

0=E, 1=J, 2=K, 3=T

Conductor insulation and overall jacket are color coded per ANSI MC 96.1 and ASTM E230. International color codes available on request.

Available in standard and special limits of error per ANSI MC 96.1, ASTM E230 and IEC 584.

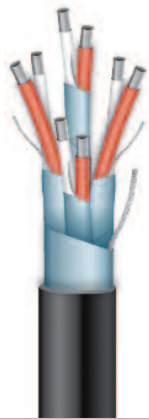


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PVC/PVC MULTI PAIR

Thermocouple Extension Cable, PLTC 300V 105°C

INDUSTRIAL PLTC CABLE



- CONDUCTOR:** • Thermocouple wire per ANSI MC 96.1 & ASTM E230 (Solid or stranded available)
- INSULATION:** • Extruded PVC
- JACKET:** • Extruded PVC
- PAIR:** • Conductors twisted together with a drain wire and alum/mylar shield
- CABLE:** • Shielded pairs cabled together with fillers as needed to form a round core
• An overall alum/mylar shield and drain wire is applied over the core
- VOLTAGE:** • 300V
- TEMPERATURE:** • 105°C
- APPLICATIONS:** • For use as a 300 volt, multi pair thermocouple cable where flame retardance, moisture/chemical resistance, and sunlight resistance are critical
• Cable can be installed in free air, in raceways or direct burial.
• The cable is also approved for wet or dry locations as well as Class 1 Division II industrial hazardous locations per NEC Article 725
- COLOR CODE:** • Per ASTM E20 & ANSI MC 96.1. Positive conductor is numbered.
- INDUSTRY APPROVALS:** • Insulated Conductor - VW-1
• UL Type PLTC 105°C
• Passes UL 1277 Flame Test (70,000 BTU/hr)
• Passes IEEE 383 Flame Test (70,000 BTU/hr)
• Passes IEEE 1202 Flame Test (70,000 BTU/hr)
- FEATURES & BENEFITS:**
 - UL Listed subject 13 PLTC
 - Excellent electrical properties
 - Excellent physical properties
 - Good chemical resistance
 - Resistance to flame
 - Good mechanical strength
 - Resistant to crush, compression and cuts

Part Number	Pairs	Insulation Thickness	Jacket Thickness	Overall Diameter	Weight lbs/k ft
20 Gauge					
C4V_20	1	.016	0.035	.205	40
C4V_22	2	.016	0.045	.310	45
C4V_24	4	.016	0.045	.355	80
C4V_28	8	.016	0.055	.487	165
C4V_30	12	.016	0.055	.570	225
C4V_32	16	.016	0.065	.660	300
C4V_34	24	.016	0.065	.775	30
C4V_36	36	.016	0.075	.920	615
16 Gauge					
C4V_40	1	.016	0.035	.240	
C4V_42	2	.016	0.045	.435	100
C4V_44	4	.016	0.055	.495	160
C4V_48	8	.016	0.055	.620	225
C4V_50	12	.016	0.065	.730	390
C4V_52	16	.016	0.065	.820	500
C4V_54	24	.016	0.075	.970	720
C4V_56	36	.016	0.075	1.160	1050

E = Type E // J = Type J // K = Type K // T = Type T

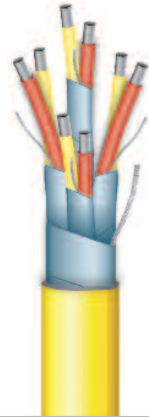


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EPR/CPE MULTI PAIR

Thermocouple Extension Cable, TC 600V 90°C

INDUSTRIAL TRAY CABLE



- CONDUCTOR:** • Thermocouple wire per ANSI MC 96.1 & ASTM E230 (Solid or stranded available)
- INSULATION:** • Extruded EPR
- JACKET:** • Extruded CPE
- PAIR:** • Conductors twisted together with a drain wire and alum/mylar shield
- CABLE:** • Shielded pairs cabled together with fillers as needed to form a round core
• An overall alum/mylar shield and drain wire is applied over the core
- VOLTAGE:** • 600V
- TEMPERATURE:** • 90°C
- APPLICATIONS:** • For use as a 600 volt, multi pair thermocouple cable where flame retardance, moisture/chemical resistance, and sunlight resistance are critical
• Cable can be installed in free air, in raceways or direct burial.
• The cable is also approved for wet or dry locations as well as Class 1 Division II industrial hazardous locations per NEC 501-4(b) for (UL) Type Tray Cables (TC)
- COLOR CODE:** • Per ASTM E20 & ANSI MC 96.1. Positive conductor is numbered.

- INDUSTRY APPROVALS:** • Insulated Conductor - VW-1
• UL Type TC 90°C
• Passes UL 1277 Flame Test (70,000 BTU/hr)
• Passes IEEE 383 Flame Test (70,000 BTU/hr)
• Passes IEEE 1202 Flame Test (70,000 BTU/hr)
• Passes ICEA T-29-520 Flame Test (210,000 BTU/hr)
- FEATURES & BENEFITS:**
 - UL Type TC
 - Excellent physical properties
 - Resistance to flame
 - Resistant to crush, compression and cuts
 - Excellent electrical properties
 - Good chemical resistance
 - Good mechanical strength

Part Number	Pairs	Insulation Thickness	Jacket Thickness	Overall Diameter	Weight lbs/k ft
20 Gauge					
C4E_20	1	.025	0.045	.270	39
C4E_22	2	.025	0.045	.415	75
C4E_24	4	.025	0.045	.480	120
C4E_28	8	.025	0.060	.645	230
C4E_30	12	.025	0.060	.760	320
C4E_32	16	.025	0.080	.895	440
C4E_34	24	.025	0.080	1.055	650
C4E_36	36	.025	0.080	1.255	880
16 Gauge					
C4E_40	1	.025	0.045	.310	48
C4E_42	2	.025	0.045	.485	105
C4E_44	4	.025	0.060	.600	195
C4E_48	8	.025	0.060	.760	340
C4E_50	12	.025	0.080	.940	515
C4E_52	16	.025	0.080	1.055	660
C4E_54	24	.025	0.080	1.250	940
C4E_56	36	.025	0.100	1.525	1400

E = Type E // J = Type J // K = Type K // T = Type T



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THERMOCOUPLE PRODUCT GUIDE

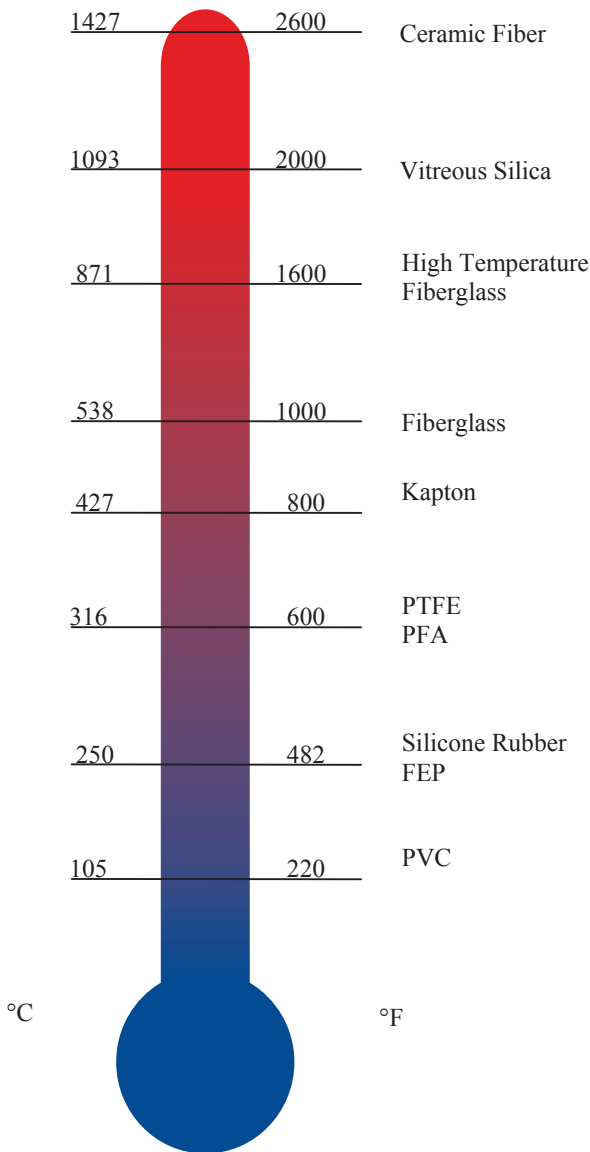


THERMOCOUPLE WIRE

Quality Control

All First Capitol Wire & Cable products are manufactured using quality materials and workmanship to adhere to the established high standards of industrial specifications. All thermocouple wire and extension wire products shipped are in accordance with procedures per NBS circular 590 and all testing has NBS traceability.

Single Reading



Packaging

Standard lengths are 1000 foot spools or reels subject to $\pm 10\%$ on each put-up. However, each reel, spool and the container in which it is shipped is marked with the exact length contained. On any order, unless previously agreed otherwise, we reserve the right to furnish plus or minus up to 10% of the total quantity ordered. Standard terms and conditions apply.

Wire Size (AWG)	Description	
	Inches	mm
0	.410	10.40
0	.365	9.267
0	.325	8.25
1	.289	7.35
2	.258	6.54
3	.229	5.83
4	.204	5.19
5	.182	4.62
6	.162	4.12
7	.144	3.87
8	.128	3.26
9	.114	2.91
10	.102	2.59
11	.091	2.31
12	.081	2.05
13	.072	1.83
14	.064	1.63
15	.057	1.46
16	.051	1.29
17	.045	1.15
18	.040	1.02
19	.036	0.912
20	.032	0.812
21	.0285	0.723
22	.0253	0.644
23	.0228	0.573
24	.0201	0.511
25	.0179	0.455
26	.0159	0.405
27	.0142	0.361
28	.0128	0.321
29	.0113	0.286
30	.0100	0.255
32	.0080	0.202
34	.0063	0.160
36	.0050	0.127
38	.0040	0.102
40	.0031	0.079

THERMOCOUPLE PRODUCT GUIDE



THERMOCOUPLE WIRE

<p>Fiberglass/Fiberglass 900°F 482°C Continuous 1000°F 538°C Single Reading</p>	
<p>S Fiberglass/S Fiberglass 1300°F 704°C Continuous 1600°F 871°C Single Reading</p>	
<p>Vitreous Silica/Vitreous Silica 1300°F 704°C Continuous 1600°F 871°C Single Reading</p>	
<p>Ceramic Fiber/Ceramic Fiber 1600°F 871°C Continuous 2000°F 1093°C Single Reading</p>	
<p>Kapton®/Kapton® 600°F 316°C Continuous 800°F 427°C Single Reading</p>	
<p>PTFE/PTFE 500°F 260°C Continuous 600°F 316°C Single Reading</p>	
<p>PFA/PFA 500°F 260°C Continuous 600°F 316°C Single Reading</p>	
<p>FEP/FEP 392°F 200°C Continuous 500°F 260°C Single Reading</p>	
<p>SRG/Fiberglass 392°F 200°C Continuous 500°F 260°C Single Reading</p>	
<p>PVC/PVC 221°F 105°C Continuous</p>	
<p>PVC/PVC Multi Pair PLTC 221°F 105°C Continuous</p>	
<p>EPR/CPE Multi Pair Tray Cable 194°F 90°C Continuous</p>	

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THERMOCOUPLE PRODUCT GUIDE



ANSI Limits of Error

On October 6th, 1969, nomenclature of the American National Standards Institute, Inc (ANSI) superceded previously used ISA designations. Unless otherwise specified, thermocouple and extension wire is supplied to meet standard limits of error of ANSI circular MC96.1 1982. Special limits of error are also available per ANSI MC96.1 at an additional charge. The standard and special limits of error for thermocouple and extension wires are given in the accompanying tables. Where limits of error are given in percent, the percentage applies to the temperature being measured.

Limits of error apply to new wire as delivered and do not allow for calibration drift during use. These changes are governed by such factors as wire size, temperature/time of exposure and environment.

ANSI TYPE	Temperature Range		Standard	Special
	°C	°F	°C **	°C **
E	0 to 900	32 to 1600	±1.7 or 0.5%	±1.0 or 0.4%
J	0 to 750	32 to 1400	±2.2 or 0.75%	±1.1 or 0.4%
K	0 to 1250	32 to 2300	±2.2 or 0.75%	±1.1 or 0.4%
T	0 to 350	32 to 700	±1.0 or 0.75%	±0.5 or 0.4%
N	0 to 1250	32 to 2300	±2.2 or 0.75%	±1.1 or 0.4%
R or S	0 to 1450	32 to 2700	±1.5 or 0.25%	±0.6 or 0.1%
B	800 to 1700	1600 to 3100	±0.5%	----

** ± tolerance of error is whichever is greater.

Limits of Error for Thermocouple Extension Wires

ANSI TYPE	Temperature Range		Standard	Special
	°C	°F	°C **	°C **
EX	0 to 200	32 to 392	±1.7	±1.1
JX	0 to 200	32 to 392	±2.2	±1.1
KX	0 to 200	32 to 392	±2.2	±1.1
TX	-60 to 100	-76 to 212	±1.0	±0.5
NX	0 to 200	32 to 392	±2.2	-----

Solid and Stranded Conductors

Thermocouple wire and extension wire are usually solid conductors. When greater flexibility is required, either may be had in stranded construction. The accompanying table provides the standard stranded combinations used, however, other stranding combinations may be ordered to suit requirements.

AWG	O.D. Inches	ANSI TYPES			
		E	J	K	T
8	0.128	0.044	0.022	0.036	0.018
14	0.084	0.175	0.089	0.147	0.074
16	0.051	0.278	0.141	0.233	0.118
18	0.040	0.443	0.225	0.371	0.188
20	0.032	0.704	0.357	0.590	0.298
24	0.020	1.779	0.903	1.490	0.753
26	0.016	2.842	1.441	2.370	1.203
28	0.013	4.522	2.295	3.786	1.914
30	0.010	7.190	3.650	6.020	3.043
36	0.006	28.760	14.600	24.080	12.172
14(7)f	0.073	0.163	0.082	0.137	0.069
16(7)f	0.080	0.259	0.131	0.217	0.110
18(7)f	0.048	0.414	0.210	0.346	0.175
20(7)f	0.038	0.659	0.334	0.551	0.279

Nominal Thermocouple Resistance Ohms/Double Ft. @ 88° (20°C)

Conductor Calibration and Certification

Thermocouple wire and extension wire can be factory calibrated and certified at an extra charge. Each coil, reel or spool of wire is then tagged to show the individual departure from curve. Once calibrated, their exact departure from the standard curve at any specified temperature is known and can be taken into account. Thermocouple wire samples sent to the factory for calibrating must be at least 36 inches long. A certificate of calibration is furnished for all calibrated items and a notarized certificate is available at an additional charge. Each item calibrated is also tagged with the results.

Metallic Overbraids/Shields

While products are designed with abrasion resistance in mind, metallic overbraids can add durability, flexibility, and abrasion protection to all products, as well as electrical interference shielding. Metal overbraids can be color coded by means of a colored fiberglass yarn tracer, for ease of thermocouple type identification, at no extra charge. Stainless steel, Inconel, and tinned plated copper overbraids are available on all products.

THERMOCOUPLE PRODUCT GUIDE



Insulation and Jacket

It is critical that the Insulation system used to protect thermocouple and extension wire be properly selected so as to help provide accurate readings over a desired period of time. Most constructions are temperature rated for continuous use and for one time reading applications. The continuous use temperature rating is generally the highest temperature at which a particular construction will provide protection for an indefinite period. The impregnation of all treated braids is only retained to 400°F(204°C). The one time rating is the highest temperature exposure that the material will allow an accurate reading on a one time basis. It is unlikely, however, that the wire could be repeatedly used after this exposure. The following chart lists typical characteristics for various high temperature materials. The ratings below are meant to serve only as a general guide. Product performance may vary upon use and application of the product.

Basic Characteristics of Selected Insulation Materials for Thermocouple and Extension Wire

Material	Temp Range		Flexibility	Flame Retardance	Abrasion	Acids	Resistance To		
	Continuous	Single					Solvents	Bases	Moisture
Polyvinyl Chloride	221 °F 105 °C	Same	Excel	Good	Good	Good	Fair	Good	Good
Silicone Rubber	392 °F 200 °C	500 °F 260 °C	Excel	Good	Fair	Poor	Fair	Good	Good
FEP Teflon	392 °F 200 °C	500 °F 260 °C	Good	Excel	Excel	Excel	Excel	Excel	Excel
PTFE Tape	500 °F 260 °C	600 °F 316 °C	Good	Excel	Excel	Excel	Excel	Excel	Excel
Aramid Fiber	550 °F 288 °C	650 °F 343 °C	Good	Excel	Excel	Excel	Excel	Excel	Good
Kapton	600 °F 316 °C	800 °F 427 °C	Good	Excel	Good	Excel	Excel	Excel	Excel
FiberGlass	900 °F 482 °C	1000 °F 538 °C	Good	Excel	Good	Excel	Excel	Excel	Good
High Temp Fiber Glass	1300 °F 704 °C	1600 °F 871 °C	Good	Excel	Good	Excel	Excel	Excel	Good
Vitrous Silica Yarn	1600 °F 871 °C	2000 °F 1093 °C	Good	Excel	Fair	Good	Excel	Good	Fair
Ceramic Fiber	2200 °F 1204 °C	2600 °F 1427 °C	Good	Excel	Fair	Excel	Excel	Excel	Fair

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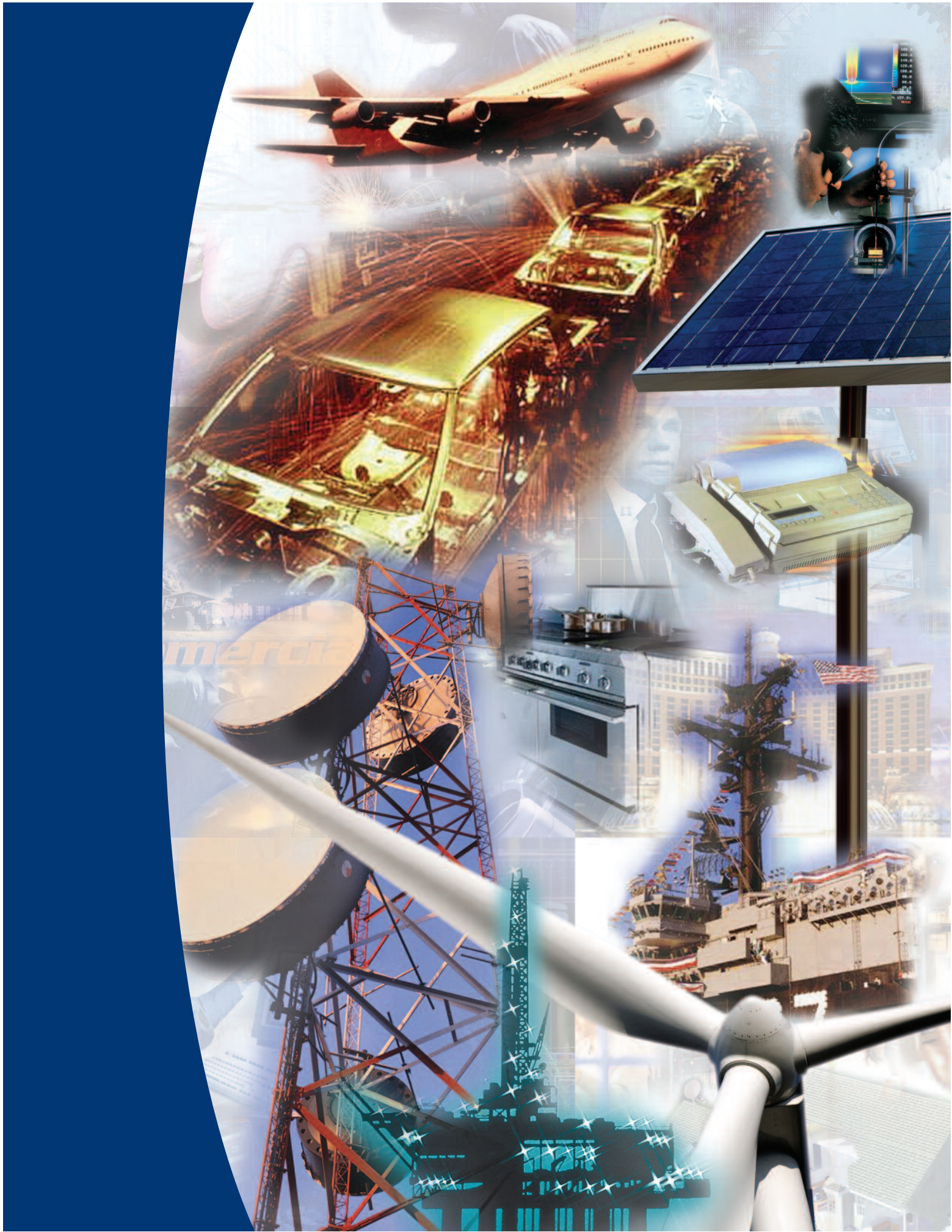




INDUSTRIAL



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For 40 years, Coleman Cable (CCI) has been a leader in the development of innovative wire and cable products, offering one of the most diversified lines available today. Our brands are some of the strongest and most respected in the wire and cable industry, brand names like Signal[®], Seoprene[®], Baron[®], Royal[®], Copperfield[®], and Woods[®].

CCI provides a vast offering of industrial/OEM products that include Portable Cord, Industrial Power Cables, Building Wire, Lead Wire, Tray Cables, Specialty Products, and design engineered products. This catalog contains the majority of our standard industrial products. In addition, we have included a capabilities section because Coleman Cable has produced thousands of custom cables for commercial, industrial, aerospace, and military applications. We also offer a technical section that will assist you to answer some of your construction and application questions.

Coleman Cable utilizes more than 2 million square feet of strategically located, state-of-the-art, ISO-certified manufacturing and distribution facilities. We back our products with outstanding customer service and provide all of the technical application support and assistance you need. Count on CCI to be your complete cable solution, and you'll be able to handle today's toughest applications... and tomorrow's.

We also invite you to visit our website at www.colemancable.com where can search our full line catalog and view detailed specification sheets. Should you need more information on products, application or standards, do not hesitate to call us. 1-800-323-9355.

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Coleman Cable offers a complete and comprehensive line of portable cord and industrial power products to handle a full range of commercial, OEM, utility, and industrial applications. With CCI you can choose either thermoplastic elastomer or thermoset constructions. Coleman Cable's Seoprene Thermoplastic Elastomer (SEOW) cords are technologically advanced to meet the requirements of the most demanding commercial and industrial applications. CCI's Royal Crown (SOOW) series of portable cords are manufactured with advanced synthetic rubber compounds that provide exceptional service life for the highest cost-effective performance. Both are perfect for heavy-duty service where cutting oils, hydraulic fluids or chemicals are present. Both handle the problems faced in paper and processing plants as well as those found on the factory floor. Both are highly flexible, making them the choice for robotic production lines, assembly lines and other manufacturing.

Whatever your application, you'll find a Coleman Cable portable cord that meets your needs. The list of applications is virtually endless...from the factory floor to mining and heavy-duty construction...from welding to diesel locomotives...from wind farms to solar energy... from portable lighting for theaters to the harsh demands of the process industries and oil and gas drilling rigs... you'll find CCI's industrial products on the job, performing well, day-in and day-out.

With Seoprene® SEOW and Royal® SOOW you now have a choice of both thermoplastic elastomer or rubber portable cords that meet all of your requirements and you can get them from one quality source – Coleman Cable.

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Seoprene® SE00W

-50°C to 105°C 600V, UL/CSA/MSHA

PORTABLE CORD



CONDUCTORS: • 18 AWG – 10 AWG fully annealed stranded bare copper
• Class K stranding per ASTM B 174

INSULATION: • T*prene® Oil resistant Thermoplastic Elastomer (TPE).
• Brilliant colors for easy identification

JACKET: • Water, sunlight, and oil resistant, flame-retardant Black Seoprene® Thermoplastic Elastomer (TPE)

LEGEND: • CCI SEOPRENE 105C XX AWG (X.XX MM²) X/C SE00W E54864 (UL) 600V -50C TO 105C -- CSA LL39573 ST00W (TPE) 600V -50C TO 105C FT2 WATER RESISTANT P-241-3-MHSA

FEATURES: • Excellent abrasion, ozone, sunlight, chemical and oil resistance, and water resistant with high degree of flexibility
• Non-wicking lightweight polypropylene fillers
• Suitable and approved for submersion in water

APPLICATIONS: • Portable industrial machinery and compressors
• Food processing and washdown facilities
• Indoor and outdoor temporary power uses

OPTIONS: • Tinned copper, shielding and other color codes available upon request

INDUSTRY APPROVALS:

- UL Standard 62
- NEC 501.140 Class I Div. 2
- CSA 22. 2 No. 49
- MSHA
- NEC Article 400
- Federal Spec #JC580B
- RoHS

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
				in.	mm.	in.	mm.	lbs./mft	kg/km	
22225	18	2	16/30	0.030	0.76	0.345	8.76	53	79	10
22325	18	3	16/30	0.030	0.76	0.365	9.27	63	94	10
22425	18	4	16/30	0.030	0.76	0.390	9.91	79	118	7
30505	18	5	16/30	0.030	0.76	0.465	11.81	108	161	5
22226	16	2	26/30	0.030	0.76	0.370	9.40	64	95	13
22326	16	3	26/30	0.030	0.76	0.390	9.91	78	116	13
22426	16	4	26/30	0.030	0.76	0.415	10.54	93	138	10
30506	16	5	26/30	0.030	0.76	0.495	12.57	129	192	8
22227	14	2	41/30	0.045	1.14	0.500	12.70	115	171	18
22327	14	3	41/30	0.045	1.14	0.525	13.34	138	205	18
22427	14	4	41/30	0.045	1.14	0.565	14.35	166	247	15
30507	14	5	41/30	0.045	1.14	0.645	16.38	212	316	12
22228	12	2	65/30	0.045	1.14	0.570	14.48	151	225	25
22328	12	3	65/30	0.045	1.14	0.595	15.11	185	275	25
22428	12	4	65/30	0.045	1.14	0.645	16.38	227	338	20
30508	12	5	65/30	0.045	1.14	0.710	18.03	271	404	16
22229	10	2	104/30	0.045	1.14	0.620	15.75	192	286	30
22329	10	3	104/30	0.045	1.14	0.655	16.64	244	363	30
22429	10	4	104/30	0.045	1.14	0.705	17.91	300	447	25
30509	10	5	104/30	0.045	1.14	0.765	19.43	358	533	20

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Ampacity based on NEC Table 400.5(A)
See page 47 for Ordering and Color Code information.



Seoprene®

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Seoprene® SEOW

-50°C to 105°C 600V, UL/CSA/MSHA

- CONDUCTORS:**
- 8 AWG – 2 AWG fully annealed stranded bare copper
 - Class K stranding per ASTM B 174
- INSULATION:**
- T*prene® Oil resistant Thermoplastic Elastomer (TPE).
 - Brilliant colors for easy identification
- JACKET:**
- Water, sunlight, and oil resistant, flame-retardant Black Seoprene® Thermoplastic Elastomer (TPE)
- LEGEND:**
- CCI SEOPRENE 105C XX AWG (X.XX MM²) X/C SEOW E54864 (UL) 600V -50C TO 105C -- CSA LL39573 STOOV (TPE) 600V -50C TO 105C FT2 WATER RESISTANT P-241-3-MHSA
- FEATURES:**
- Excellent abrasion, ozone, sunlight, chemical and oil resistance, and water resistant with high degree of flexibility
 - Non-wicking lightweight polypropylene fillers
 - Suitable and approved for submersion in water
- APPLICATIONS:**
- Portable industrial machinery and compressors
 - Food processing and washdown facilities
 - Indoor and outdoor temporary power uses
- OPTIONS:**
- Tinned copper, shielding and other color codes available upon request

- INDUSTRY APPROVALS:**
- UL Standard 62
 - CSA 22. 2 No. 49
 - NEC Article 400
 - RoHS
 - NEC 501.140 Class I Div. 2
 - MSHA
 - Federal Spec #JC580B



PORTABLE CORD

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
				in.	mm.	in.	mm.	lbs./mft	kg/km	
22316	8	3	133/29	0.060	1.52	0.859	21.82	419	624	40
22591	8	4	133/29	0.060	1.52	0.940	23.88	530	789	35
22540	8	5	133/29	0.060	1.52	1.050	26.67	666	991	28
22391	6	3	133/27	0.060	1.52	0.980	24.89	579	862	55
22589	6	4	133/27	0.060	1.52	1.080	27.43	735	1094	45
22392	6	5	133/27	0.060	1.52	1.185	30.10	871	1296	36
22601	4	3	133/.0177	0.060	1.52	1.137	28.88	834	1241	70
22471	4	4	133/.0177	0.060	1.52	1.270	32.26	1072	1595	60
22542	4	5	133/.0177	0.060	1.52	1.390	35.31	1278	1902	48
22490	2	3	133/.0223	0.060	1.52	1.305	33.15	1157	1722	95
22491	2	4	133/.0223	0.060	1.52	1.460	37.08	1502	2235	80
22492	2	5	133/.0223	0.060	1.52	1.556	39.52	1735	2582	64

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Ampacity based on NEC Table 400.5(A)
See page 47 for Ordering and Color Code information.



Seoprene®

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Seoprene® SJE00W

-50°C to 105°C 300V, UL/CSA/MSHA

PORTABLE CORD



- CONDUCTORS:**
- 18 AWG – 10 AWG fully annealed stranded bare copper
 - Class K stranding per ASTM B 174
- INSULATION:**
- T*prene® Oil resistant Thermoplastic Elastomer (TPE).
 - Brilliant colors for easy identification
- JACKET:**
- Water, sunlight, and oil resistant, flame-retardant Black Seoprene® Thermoplastic Elastomer (TPE)
- LEGEND:**
- CCI SEOPRENE 105C XX AWG (X.XX MM²) X/C SJE00W E54864 (UL) 300V -50C TO 105C -- CSA LL39573 SJTOOW (TPE) -50C TO 105C FT2 WATER RESISTANT P-241-3-MSHA
- FEATURES:**
- Excellent abrasion, ozone, sunlight, chemical and oil resistance, and water resistant with high degree of flexibility
 - Non-wicking lightweight polypropylene fillers
 - Suitable and approved for submersion in water
- APPLICATIONS:**
- Portable industrial machinery and compressors
 - Conveyor and automated production equipment
 - Indoor and outdoor temporary power uses
- OPTIONS:**
- Tinned copper, shielding and other color codes available upon request
- INDUSTRY APPROVALS:**
- UL Standard 62
 - CSA 22. 2 No. 49
 - NEC Article 400
 - RoHS
 - NEC 501.140 Class I Div. 2
 - MSHA
 - Federal Spec #JC580

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
				in.	mm.	in.	mm.	lbs./mft	kg/km	
23225	18	2	16/30	0.030	0.76	0.285	7.24	37	55	10
23325	18	3	16/30	0.030	0.76	0.310	7.87	49	72	10
23425	18	4	16/30	0.030	0.76	0.330	8.38	59	87	7
23226	16	2	26/30	0.030	0.76	0.310	7.87	46	68	13
23326	16	3	26/30	0.030	0.76	0.330	8.38	59	87	13
23426	16	4	26/30	0.030	0.76	0.355	9.02	73	108	10
23227	14	2	41/30	0.030	0.76	0.340	8.64	60	89	18
23327	14	3	41/30	0.030	0.76	0.365	9.27	79	117	18
23427	14	4	41/30	0.030	0.76	0.395	10.03	98	145	15
23228	12	2	65/30	0.030	0.76	0.410	10.41	90	133	25
23328	12	3	65/30	0.030	0.76	0.430	10.92	116	172	25
23428	12	4	65/30	0.030	0.76	0.470	11.94	150	223	20
23229	10	2	104/30	0.045	1.14	0.545	13.84	155	230	30
23329	10	3	104/30	0.045	1.14	0.575	14.61	200	297	30
23429	10	4	104/30	0.045	1.14	0.630	16.00	257	382	25

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Ampacity based on NEC Table 400.5(A)
See page 47 for Ordering and Color Code information.



Seoprene®

Coleman Cable Inc.
800.323.9355 • www.colemancable.com

Seoprene® Type SEOOW

-50°C to 105°C 600V, Non-UL

- CONDUCTORS:** • 8 AWG – 2 AWG fully annealed stranded bare copper
- INSULATION:** • T*prene® Oil resistant Thermoplastic Elastomer (TPE).
• Brilliant colors for easy identification
- JACKET:** • Water, sunlight, and oil resistant, flame-retardant Black Seoprene® Thermoplastic Elastomer (TPE)
- LEGEND:** • CCI SEOPRENE 105C XX AWG (X.XX MM²) X/C SEOOW
600V -50C TO 105C FT2 WATER RESISTANT P-07-KA0700025
- FEATURES:** • Excellent abrasion, ozone, sunlight, chemical and oil resistance, and water resistant with high degree of flexibility
• Non-wicking lightweight polypropylene fillers
• Suitable and approved for submersion in water
- APPLICATIONS:** • Portable industrial machinery and compressors
• Temporary power distribution and generators
• Indoor and outdoor temporary power uses
- OPTIONS:** • Tinned copper, shielding and other color codes available upon request
- INDUSTRY APPROVALS:** • MSHA
• RoHS



PORTABLE CORD

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
				in.	mm.	in.	mm.	lbs./mft	kg/km	
22220	8	2	96/28	0.050	1.27	0.662	16.81	243	361	40
22320	8	3	96/28	0.050	1.27	0.701	17.81	311	462	40
22420	8	4	96/28	0.050	1.27	0.783	19.89	402	598	35
22470	8	5	96/28	0.050	1.27	0.841	21.36	486	723	28
22221	6	2	96/26	0.050	1.27	0.752	19.10	336	499	55
22321	6	3	96/26	0.050	1.27	0.808	20.52	452	672	55
22421	6	4	96/26	0.050	1.27	0.892	22.66	575	855	45
22521	6	5	96/26	0.050	1.27	0.982	24.94	715	1063	36
22222	4	2	96/24	0.050	1.27	0.892	22.66	503	748	70
22322	4	3	96/24	0.050	1.27	0.913	23.19	625	930	70
22422	4	4	96/24	0.050	1.27	1.017	25.83	821	1221	60
22552	4	5	96/24	0.050	1.27	1.110	28.19	998	1485	48
22223	2	2	119/.0223	0.050	1.27	1.084	27.53	712	1061	95
22323	2	3	119/.0223	0.050	1.27	1.158	29.41	985	1465	95
22423	2	4	119/.0223	0.050	1.27	1.260	32.00	1241	1846	80
22553	2	5	119/.0223	0.050	1.27	1.396	35.46	1540	2291	64

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Ampacity based on NEC Table 400.5(A)
See page 47 for Ordering and Color Code information.



Seoprene®

Coleman Cable Inc.
800.323.9355 • www.colemancable.com

Suprene® SE00W - Yellow

-60°C to 105°C 600V, UL/CSA/MSHA

PORTABLE CORD



CONDUCTORS: • 18 AWG – 10 AWG fully annealed stranded bare copper
• Class K stranding per ASTM B 174

INSULATION: • T*prene® Oil resistant Thermoplastic Elastomer (TPE).
• Brilliant colors for easy identification

JACKET: • Water, sunlight, and oil resistant, flame-retardant Yellow Seoprene® Thermoplastic Elastomer (TPE)

LEGEND: • CCI SUPRENE 105C XX AWG (X.XX MM²) X/C SE00W E54864 (UL) 600V -60C TO 105C -- CSA LL39573 STOOW (TPE) 600V -50C TO 105C FT2 WATER RESISTANT P-241-3-MSHA

FEATURES: • Excellent flexibility in -60° to 105°C temperature extremes
• Outstanding abrasion, ozone, sunlight, chemical and oil resistance, and water resistance in harsh environments
• Safety yellow provides superior contrast for better visibility in high-traffic industrial settings.

APPLICATIONS: • Temporary power distribution equipment
• Heavy duty motor and industrial control systems
• Indoor and outdoor portable power

OPTIONS: • Tinned copper, shielding and other color codes available upon request

INDUSTRY APPROVALS: • UL Standard 62 • NEC 501.140 Class I Div. 2
• CSA 22. 2 No. 49 • MSHA
• NEC Article 400 • Federal Spec #JC580B
• RoHS

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
				in.	mm.	in.	mm.	lbs./mft	kg/km	
22245	18	2	16/30	0.030	0.76	0.345	8.76	53	79	10
22345	18	3	16/30	0.030	0.76	0.365	9.27	64	95	10
22445	18	4	16/30	0.030	0.76	0.390	9.91	78	116	7
22246	16	2	26/30	0.030	0.76	0.370	9.40	63	94	13
22346	16	3	26/30	0.030	0.76	0.390	9.91	85	126	13
22446	16	4	26/30	0.030	0.76	0.415	10.54	92	137	10
22247	14	2	41/30	0.045	1.14	0.500	12.70	114	170	18
22347	14	3	41/30	0.045	1.14	0.525	13.34	136	202	18
22447	14	4	41/30	0.045	1.14	0.565	14.35	169	251	15
22248	12	2	65/30	0.045	1.14	0.570	14.48	151	225	25
22348	12	3	65/30	0.045	1.14	0.595	15.11	182	271	25
22448	12	4	65/30	0.045	1.14	0.645	16.38	223	332	20
22249	10	2	104/30	0.045	1.14	0.620	15.75	215	320	30
22349	10	3	104/30	0.045	1.14	0.655	16.64	239	356	30
22449	10	4	104/30	0.045	1.14	0.705	17.91	291	433	25

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Ampacity based on NEC Table 400.5(A)
See page 47 for Ordering and Color Code information.



Coleman Cable Inc.
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Suprene® SJEOOW - Yellow

-60°C to 105°C 300V, UL/CSA/MSHA

- CONDUCTORS:**
- 18 AWG – 10 AWG fully annealed stranded bare copper
 - Class K stranding per ASTM B 174
- INSULATION:**
- T*prene® Oil resistant Thermoplastic Elastomer (TPE).
 - Brilliant colors for easy identification
- JACKET:**
- Water, sunlight, and oil resistant, flame-retardant Yellow Seoprene® Thermoplastic Elastomer (TPE)
- LEGEND:**
- CCI SUPRENE 105C XX AWG (X.XX MM²) X/C SJEOOW E54864 (UL) 300V -60C TO 105C -- CSA LL39573 SJTOOW (TPE) 300V -50C TO 105C FT2 WATER RESISTANT P-241-3-MSHA
- FEATURES:**
- Excellent flexibility in -60° to 105°C temperature extremes
 - Outstanding abrasion, ozone, sunlight, chemical and oil resistance, and water resistance in harsh environments
 - Safety yellow provides superior contrast for better visibility in high-traffic industrial settings.
- APPLICATIONS:**
- Temporary power distribution equipment
 - Heavy duty motor and industrial control systems
 - Indoor and outdoor portable power
- OPTIONS:**
- Tinned copper, shielding and other color codes available upon request

- INDUSTRY APPROVALS:**
- UL Standard 62
 - CSA 22. 2 No. 49
 - NEC Article 400
 - RoHS
 - NEC 501.140 Class I Div. 2
 - MSHA
 - Federal Spec #JC580B



PORTABLE CORD

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
				in.	mm.	in.	mm.	lbs./mft	kg/km	
23245	18	2	16/30	0.030	0.76	0.285	7.24	38	57	10
23345	18	3	16/30	0.030	0.76	0.310	7.87	48	71	10
23445	18	4	16/30	0.030	0.76	0.330	8.38	67	100	7
23246	16	2	26/30	0.030	0.76	0.310	7.87	46	68	13
23346	16	3	26/30	0.030	0.76	0.330	8.38	59	88	13
23446	16	4	26/30	0.030	0.76	0.355	9.02	74	110	10
23247	14	2	41/30	0.030	0.76	0.340	8.64	61	91	18
23347	14	3	41/30	0.030	0.76	0.365	9.27	79	118	18
23447	14	4	41/30	0.030	0.76	0.395	10.03	97	144	15
23248	12	2	65/30	0.030	0.76	0.410	10.41	108	161	25
23348	12	3	65/30	0.030	0.76	0.430	10.92	117	174	25
23448	12	4	65/30	0.030	0.76	0.470	11.94	164	244	20
23249	10	2	104/30	0.045	1.14	0.549	13.94	186	277	30
23349	10	3	104/30	0.045	1.14	0.575	14.61	200	298	30
23449	10	4	104/30	0.045	1.14	0.640	16.26	288	429	25

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Ampacity based on NEC Table 400.5(A)
See page 47 for Ordering and Color Code information.



Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Suprene® Type SE00W - Yellow

-60°C to 105°C 600V, Non-UL

PORTABLE CORD



- CONDUCTORS:** • 8 AWG –2 AWG fully annealed stranded bare copper
- INSULATION:** • T*prene® Oil resistant Thermoplastic Elastomer (TPE).
• Brilliant colors for easy identification
- JACKET:** • Water, sunlight, and oil resistant, flame-retardant Yellow Seoprene® Thermoplastic Elastomer (TPE)
- LEGEND:** • CCI SUPRENE 105C XX AWG (X.XX MM²) X/C SE00W 600V -60C TO 105C FT2 WATER RESISTANT P-241-3-MSHA
- FEATURES:** • Excellent abrasion, ozone, sunlight, chemical and oil resistance, and water resistant with high degree of flexibility
• Non-wicking lightweight polypropylene fillers
• Suitable and approved for submersion in water
- APPLICATIONS:** • Portable industrial machinery and compressors
• Temporary power distribution and generators
• Indoor and outdoor temporary power uses
- OPTIONS:** • Tinned copper, shielding and other color codes available upon request
- INDUSTRY APPROVALS:** • MSHA
• RoHS

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
				in.	mm.	in.	mm.	lbs./mft	kg/km	
22240	8	2	96/28	0.050	1.27	0.662	16.81	233	347	40
22340	8	3	96/28	0.050	1.27	0.700	17.78	305	454	40
22440	8	4	96/28	0.050	1.27	0.783	19.89	395	588	35
22241	6	2	96/26	0.050	1.27	0.752	19.10	290	432	55
22341	6	3	96/26	0.050	1.27	0.818	20.78	444	661	55
22441	6	4	96/26	0.050	1.27	0.892	22.66	562	837	45
22242	4	2	96/24	0.050	1.27	0.864	21.95	505	751	70
22342	4	3	96/24	0.050	1.27	0.915	23.24	695	1034	70
22442	4	4	96/24	0.050	1.27	1.029	26.14	807	1201	60
22243	2	2	119/.0223	0.050	1.27	1.091	27.71	665	990	95
22343	2	3	119/.0223	0.050	1.27	1.150	29.21	900	1339	95
22443	2	4	119/.0223	0.050	1.27	1.267	32.18	1251	1861	80

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Ampacity based on NEC Table 400.5(A)
See page 47 for Ordering and Color Code information.



Seoprene® SEOW Control Cable

-50°C to 105°C 600V, UL/CSA/MSHA

- CONDUCTORS:**
- 18 AWG – 10 AWG fully annealed stranded bare copper
 - Class K stranding per ASTM B 174
- INSULATION:**
- T*prene® Oil resistant Thermoplastic Elastomer (TPE).
 - Brilliant colors for easy identification
- JACKET:**
- Water, sunlight, and oil resistant, flame-retardant Black Seoprene® Thermoplastic Elastomer (TPE)
- LEGEND:**
- CCI SEOPRENE 105C XX AWG (X.XX MM²) X/C SEOW E54864 (UL) 600V -50C TO 105C -- CSA LL39573 STOOW (TPE) 600V -50C TO 105C FT2 WATER RESISTANT P-241-3-MSHA
- FEATURES:**
- Excellent abrasion, ozone, sunlight, chemical and oil resistance, and water resistant with high degree of flexibility
 - Non-wicking lightweight polypropylene fillers
 - Suitable and approved for submersion in water
- APPLICATIONS:**
- Petrochemical manufacturing and processing facilities
 - Industrial cooling and refrigeration equipment
 - Conveyors and multi-line automation/robotic systems
- OPTIONS:**
- Tinned copper, shielding and other color codes available upon request

- INDUSTRY APPROVALS:**
- UL Standard 62
 - CSA 22. 2 No. 49
 - NEC Article 400
 - RoHS
 - NEC 501.140 Class I Div. 2
 - MSHA
 - Federal Spec #JC580B



PORTABLE CORD

No. Cond.	18 (16/30) AWG			16 (26/30) AWG			14 (41/30) AWG			12 (65/30) AWG			10 (104/30) AWG		
	Part No.	Nom. OD	Weight lbs./mft	Part No.	Nom. OD	Weight lbs./mft	Part No.	Nom. OD	Weight lbs./mft	Part No.	Nom. OD	Weight lbs./mft	Part No.	Nom. OD	Weight lbs./mft
5	30505	0.465	108	30506	0.495	129	30507	0.645	212	30508	0.710	271	30509	0.765	358
6	30605	0.484	118	30606	0.522	144	30607	0.690	248	30608	0.745	308	30609	0.820	415
7	30705	0.484	125	30706	0.522	153	30707	0.690	261	30708	0.745	332	30709	0.845	449
8	30805	0.517	141	30806	0.560	173	30807	0.743	323	30808	0.802	369	30809	0.885	552
10	31005	0.592	169	31006	0.645	210	31007	0.858	357	31008	0.930	461	31009	1.05	639
12	31205	0.610	192	31206	0.698	260	31207	0.885	404	31208	0.990	550	31209	1.09	839
14	31405	0.636	216	31406	0.725	285	31407	0.926	518	31408	1.04	700	31409	1.12	855
16	31605	0.695	252	31606	0.760	314	31607	1.00	533	31608	1.09	786	31609	1.22	1073
20	32005	0.763	297	32006	0.835	378	32007	1.11	641	32008	1.20	832	32009	1.34	1186
24	32405	0.838	339	32406	0.910	441	32407	1.25	928	32408	1.36	1030	32409	1.48	1394
30	33005	0.897	422	33006	0.990	553	33007	1.09	1092	33008	1.43	1239	33009	1.56	1682
37	33705	0.980	522	33706	1.071	671	33707	1.42	1127	33708	1.54	1487	33709	1.68	2031

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 47 for Ordering and Color Code information.



Seoprene®

Coleman Cable Inc.

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Royal® SOOW

-40°C to 90°C 600V, UL/CSA/MSHA

PORTABLE CORD



- CONDUCTORS:** • 18 AWG – 10 AWG fully annealed stranded bare copper
• Class K stranding per ASTM B 174
- INSULATION:** • Premium grade oil resistant Ethylene Propylene (EPDM)
- JACKET:** • Water, sunlight, and oil resistant, flame-retardant Chlorinated Polyethylene (CPE)
- LEGEND:** • CCI ROYAL X/C XX AWG (X.XX MM²) SOOW E54868-L (UL) 600V -40C TO 90C -- CSA LL39753(L) SOOW 600V -40C TO 90CFT2 WATER RESISTANT P-07-KA070018-1 MSHA
- FEATURES:** • Excellent abrasion, ozone, sunlight, chemical and oil resistance, and water resistant with high degree of flexibility
• UL and CSA approved for indoor and outdoor applications
• Remains flexible in cold weather environments
- APPLICATIONS:** • Push button remote controls
• Portable industrial machinery and compressors
• Water purification systems
- OPTIONS:** • Tinned copper, shielding and other color codes available upon request
- INDUSTRY APPROVALS:** • UL Standard 62 • NEC 501.140 Class I Div. 2
• CSA 22. 2 No. 49 • MSHA
• NEC Article 400 • RoHS

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
				in.	mm.	in.	mm.	lbs./mft	kg/km	
822225	18	2	16/30	0.030	0.76	0.346	8.79	67	100	10
822325	18	3	16/30	0.030	0.76	0.365	9.27	84	125	10
822425	18	4	16/30	0.030	0.76	0.390	9.91	98	146	7
830505	18	5	16/30	0.030	0.76	0.465	11.81	116	173	5
822226	16	2	26/30	0.030	0.76	0.370	9.40	81	121	13
822326	16	3	26/30	0.030	0.76	0.390	9.91	94	140	13
822426	16	4	26/30	0.030	0.76	0.415	10.54	118	176	10
830506	16	5	26/30	0.030	0.76	0.495	12.57	143	213	8
822227	14	2	41/30	0.045	1.14	0.500	12.70	134	199	18
822327	14	3	41/30	0.045	1.14	0.525	13.34	169	252	18
822427	14	4	41/30	0.045	1.14	0.570	14.48	201	299	15
830507	14	5	41/30	0.045	1.14	0.668	16.97	272	405	12
822228	12	2	65/30	0.045	1.14	0.570	14.48	184	274	25
822328	12	3	65/30	0.045	1.14	0.595	15.11	224	333	25
822428	12	4	65/30	0.045	1.14	0.650	16.51	276	411	20
830508	12	5	65/30	0.045	1.14	0.713	18.11	318	473	16
822229	10	2	104/30	0.045	1.14	0.615	15.62	225	335	30
822329	10	3	104/30	0.045	1.14	0.660	16.76	299	445	30
822429	10	4	104/30	0.045	1.14	0.710	18.03	360	536	25
830509	10	5	104/30	0.045	1.14	0.770	19.56	409	609	20

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Ampacity based on NEC Table 400.5(A)
See page 47 for Ordering and Color Code information.



Royal® SOOW

-40°C to 90°C 600V, UL/CSA/MSHA

- CONDUCTORS:**
- 8 AWG – 2 AWG fully annealed stranded bare copper
 - Stranding per ASTM B 174
- INSULATION:**
- Premium grade oil resistant Ethylene Propylene (EPDM)
- JACKET:**
- Water, sunlight, and oil resistant, flame-retardant Chlorinated Polyethylene (CPE)
- LEGEND:**
- CCI ROYAL X/C XX AWG (X.XX MM²) SOOW E54868-L (UL) 600V -40C TO 90C -- CSA LL39753(L) SOOW 600V -40C TO 90CFT2 WATER RESISTANT P-07-KA070018-1 MSHA
- FEATURES:**
- Excellent abrasion, ozone, sunlight, chemical and oil resistance, and water resistant with high degree of flexibility
 - UL and CSA approved for indoor and outdoor applications
 - Remains flexible in cold weather environments
- APPLICATIONS:**
- Push button remote controls
 - Portable industrial machinery and compressors
 - Water purification systems
- OPTIONS:**
- Tinned copper, shielding and other color codes available upon request
- INDUSTRY APPROVALS:**
- UL Standard 62
 - CSA 22. 2 No. 49
 - NEC Article 400
 - NEC 501.140 Class I Div. 2
 - MSHA
 - RoHS



PORTABLE CORD

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
				in.	mm.	in.	mm.	lbs./mft	kg/km	
822316	8	3	133/29	0.060	1.52	0.880	22.35	485	722	40
822591	8	4	133/29	0.060	1.52	0.953	24.21	619	921	35
822540	8	5	133/29	0.060	1.52	1.034	26.26	722	1074	28
822391	6	3	133/27	0.060	1.52	1.040	26.42	700	1042	55
822589	6	4	133/27	0.060	1.52	1.125	28.58	837	1246	45
822392	6	5	133/27	0.060	1.52	1.185	30.10	979	1457	36
822601	4	3	133/25	0.060	1.52	1.135	28.83	902	1342	70
822471	4	4	133/25	0.060	1.52	1.255	31.88	1144	1702	60
822542	4	5	133/25	0.060	1.52	1.348	34.24	1320	1964	48
822490	2	3	133/.0223	0.060	1.52	1.305	33.15	1277	1900	95
822491	2	4	133/.0223	0.060	1.52	1.455	36.96	1639	2439	80
822492	2	5	133/.0223	0.060	1.52	1.556	39.52	1925	2864	64

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

*Ampacity based on NEC Table 400.5(A)
See page 47 for Ordering and Color Code information.



Coleman Cable Inc.

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Royal® SJOOW

-40°C to 90°C 300V, UL/CSA/MSHA

PORTABLE CORD



- CONDUCTORS:**
- 18 AWG – 10 AWG fully annealed stranded bare copper
 - Class K stranding per ASTM B 174
- INSULATION:**
- Premium grade oil resistant Ethylene Propylene (EPDM)
- JACKET:**
- Water, sunlight, and oil resistant, flame-retardant Chlorinated Polyethylene (CPE)
- LEGEND:**
- CCI ROYAL X/C XX AWG (X.XX MM²) SJOOW E54868-L (UL) 300V -40C TO 90C -- CSA LL39753(L) SJOOW 300V -40C TO 90C FT2 WATER RESISTANT P-07-KA070018-1 MSHA
- FEATURES:**
- Excellent abrasion, ozone, sunlight, chemical and oil resistance, and water resistant
 - UL and CSA approved for indoor and outdoor applications
 - Remains flexible in cold weather environments
- APPLICATIONS:**
- Portable industrial machinery and compressors
 - Push button remote controls
 - Portable lighting systems
- OPTIONS:**
- Tinned copper, shielding and other color codes available upon request
- INDUSTRY APPROVALS:**
- UL Standard 62
 - CSA 22. 2 No. 49
 - NEC Article 400
 - RoHS
 - NEC 501.140 Class I Div. 2
 - MSHA
 - Federal Spec #JC580B

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
				in.	mm.	in.	mm.	lbs./mft	kg/km	
823225	18	2	16/30	0.030	0.76	0.285	7.24	46	68	10
823325	18	3	16/30	0.030	0.76	0.310	7.87	60	89	10
823425	18	4	16/30	0.030	0.76	0.330	8.38	73	108	7
823226	16	2	26/30	0.030	0.76	0.310	7.87	55	82	13
823326	16	3	26/30	0.030	0.76	0.330	8.38	74	110	13
823426	16	4	26/30	0.030	0.76	0.357	9.07	85	127	10
823227	14	2	41/30	0.030	0.76	0.340	8.64	75	112	18
823327	14	3	41/30	0.030	0.76	0.365	9.27	100	149	18
823427	14	4	41/30	0.030	0.76	0.395	10.03	119	177	15
823228	12	2	65/30	0.030	0.76	0.410	10.41	108	161	25
823328	12	3	65/30	0.030	0.76	0.430	10.92	150	223	25
823428	12	4	65/30	0.030	0.76	0.475	12.07	176	262	20
823229	10	2	104/30	0.045	1.14	0.620	15.75	226	336	30
823329	10	3	104/30	0.045	1.14	0.569	14.45	244	363	30
823429	10	4	104/30	0.045	1.14	0.635	16.13	302	450	25

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Ampacity based on NEC Table 400.5(A)
See page 47 for Ordering and Color Code information.



Royal® Type SOOW

-40°C to 90°C 600V, Non-UL

- CONDUCTORS:**
- 8 AWG – 2 AWG fully annealed stranded bare copper
 - Stranding per ASTM B 174
- INSULATION:**
- Premium grade oil resistant Ethylene Propylene (EPDM)
- JACKET:**
- Water, sunlight, and oil resistant, flame-retardant Chlorinated Polyethylene (CPE)
- LEGEND:**
- CCI ROYAL (Size) (X.XX MM²) TYPE SOOW 600V -40C TO 90C P-07-KA070018-1 MSHA
- FEATURES:**
- Excellent abrasion, ozone, sunlight, chemical and oil resistance, and water resistant with high degree of flexibility
 - Remains flexible in cold weather environments
 - Good elongation and tensile strength
- APPLICATIONS:**
- Portable industrial machinery and compressors
 - Temporary power distribution systems
 - Indoor and outdoor temporary power uses
- OPTIONS:**
- Tinned copper, shielding and other color codes available upon request
- INDUSTRY APPROVALS:**
- MSHA
 - RoHS



Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
				in.	mm.	in.	mm.	lbs./mft	kg/km	
822220	8	2	133/.0106	0.050	1.27	0.632	16.05	274	407	40
822320	8	3	133/.0106	0.050	1.27	0.670	17.02	302	449	40
822420	8	4	133/.0106	0.050	1.27	0.765	19.43	443	659	35
822470	8	5	133/.0106	0.050	1.27	0.834	21.18	506	753	28
822221	6	2	133/.0141	0.050	1.27	0.724	18.39	351	523	55
822321	6	3	133/.0141	0.050	1.27	0.769	19.53	468	696	55
822421	6	4	133/.0141	0.050	1.27	0.836	21.23	626	932	45
822521	6	5	133/.0141	0.050	1.27	0.967	24.56	780	1162	36
822222	4	2	133/.0171	0.050	1.27	0.852	21.64	478	712	70
822322	4	3	133/.0171	0.050	1.27	0.906	23.01	664	988	70
822422	4	4	133/.0171	0.050	1.27	1.000	25.40	869	1293	60
822552	4	5	133/.0171	0.050	1.27	1.089	27.66	1032	1538	48
822223	2	2	133/.0220	0.050	1.27	1.084	27.53	712	1061	95
822323	2	3	133/.0220	0.050	1.27	1.092	27.74	1062	1580	95
822423	2	4	133/.0220	0.050	1.27	1.194	30.33	1286	1914	80
822553	2	5	133/.0220	0.050	1.27	1.323	33.60	1606	2393	64

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Ampacity based on NEC Table 400.5(A)
See page 47 for Ordering and Color Code information.



Royal Sovereign® SOOW - Yellow

-40°C to 105°C 600V, UL/CSA/MSHA

PORTABLE CORD



- CONDUCTORS:** • 18 AWG – 10 AWG fully annealed stranded bare copper
• Class K stranding per ASTM B 174
- INSULATION:** • Premium grade oil resistant Ethylene Propylene (EPDM)
- JACKET:** • Water, sunlight, and oil resistant, flame-retardant Yellow Chlorinated Polyethylene (CPE)
- LEGEND:** • CCI SOVEREIGN X/C XX AWG (X.XX MM²) SOOW E54864 (UL) 600V -40C TO 105C -- CSA LL39573 SOOW 600V -40C TO 105C FT2 WATER RESISTANT P-07-KA0700018-1 MSHA
- FEATURES:** • Superior flexibility in -40°C to 105°C temperature extremes
• Outstanding abrasion, ozone, sunlight, chemical and oil resistance, and water resistance in harsh environments
• Safety yellow provides superior contrast for better visibility in high-traffic industrial settings.
- APPLICATIONS:** • Temporary power distribution equipment
• Portable lighting and sound systems
• Indoor and outdoor portable power
- OPTIONS:** • Tinned copper, shielding and other color codes available upon request
- INDUSTRY APPROVALS:** • UL Standard 62 • NEC 501.140 Class I Div. 2
• CSA 22. 2 No. 49 • MSHA
• NEC Article 400 • Federal Spec #JC580B
• RoHS

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
				in.	mm.	in.	mm.	lbs./mft	kg/km	
822245	18	2	16/30	0.030	0.76	0.346	8.79	65	97	10
822345	18	3	16/30	0.030	0.76	0.365	9.27	84	125	10
822445	18	4	16/30	0.030	0.76	0.390	9.91	98	146	7
822246	16	2	26/30	0.030	0.76	0.370	9.40	81	121	13
822346	16	3	26/30	0.030	0.76	0.390	9.91	94	140	13
822446	16	4	26/30	0.030	0.76	0.415	10.54	118	176	10
822247	14	2	41/30	0.045	1.14	0.500	12.70	134	199	18
822347	14	3	41/30	0.045	1.14	0.525	13.34	169	252	18
822447	14	4	41/30	0.045	1.14	0.570	14.48	201	299	15
822248	12	2	65/30	0.045	1.14	0.570	14.48	184	274	25
822348	12	3	65/30	0.045	1.14	0.595	15.11	224	333	25
822448	12	4	65/30	0.045	1.14	0.650	16.51	276	411	20
822249	10	2	104/30	0.045	1.14	0.615	15.62	225	335	30
822349	10	3	104/30	0.045	1.14	0.660	16.76	299	445	30
822449	10	4	104/30	0.045	1.14	0.710	18.03	360	536	25

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Ampacity based on NEC Table 400.5(A)
See page 47 for Ordering and Color Code information.



Royal Sovereign® SJ00W - Yellow

-40°C to 105°C 300V, UL/CSA/MSHA

- CONDUCTORS:**
- 18 AWG – 10 AWG fully annealed stranded bare copper
 - Class K stranding per ASTM B 174
- INSULATION:**
- Premium grade oil resistant Ethylene Propylene (EPDM)
- JACKET:**
- Water, sunlight, and oil resistant, flame-retardant Yellow Chlorinated Polyethylene (CPE)
- LEGEND:**
- CCI SOVEREIGN X/C XX AWG (X.XX MM²) SJ00W E54864 (UL) 300V -40C TO 105C -- CSA LL39573 SJ00W 300V -40C TO 105C FT2 WATER RESISTANT P-07-KA0700018-1 MSHA
- FEATURES:**
- Superior flexibility in -40°C to 105°C temperature extremes
 - Outstanding abrasion, ozone, sunlight, chemical and oil resistance, and water resistance in harsh environments
 - Safety yellow provides superior contrast for better visibility in high-traffic industrial settings.
- APPLICATIONS:**
- Temporary power distribution equipment
 - Portable lighting and sound systems
 - Indoor and outdoor portable power
- OPTIONS:**
- Tinned copper, shielding and other color codes available upon request

- INDUSTRY APPROVALS:**
- UL Standard 62
 - CSA 22. 2 No. 49
 - NEC Article 400
 - RoHS
 - NEC 501.140 Class I Div. 2
 - MSHA
 - Federal Spec #JC580B



Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
				in.	mm.	in.	mm.	lbs./mft	kg/km	
823245	18	2	16/30	0.030	0.76	0.285	7.24	46	68	10
823345	18	3	16/30	0.030	0.76	0.310	7.87	60	89	10
823445	18	4	16/30	0.030	0.76	0.330	8.38	73	108	7
823246	16	2	26/30	0.030	0.76	0.310	7.87	55	82	13
823346	16	3	26/30	0.030	0.76	0.330	8.38	74	110	13
823446	16	4	26/30	0.030	0.76	0.357	9.07	85	127	10
823247	14	2	41/30	0.030	0.76	0.340	8.64	75	112	18
823347	14	3	41/30	0.030	0.76	0.365	9.27	100	149	18
823447	14	4	41/30	0.030	0.76	0.395	10.03	119	177	15
823248	12	2	65/30	0.030	0.76	0.410	10.41	108	161	25
823348	12	3	65/30	0.030	0.76	0.430	10.92	150	223	25
823448	12	4	65/30	0.030	0.76	0.475	12.07	176	262	20
823249	10	2	104/30	0.045	1.14	0.620	15.75	226	336	30
823349	10	3	104/30	0.045	1.14	0.569	14.45	244	363	30
823449	10	4	104/30	0.045	1.14	0.635	16.13	302	450	25

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Ampacity based on NEC Table 400.5(A)
See page 47 for Ordering and Color Code information.



Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Royal® SOOW Control Cable

-40°C to 90°C 600V, UL/CSA/MSHA

PORTABLE CORD



- CONDUCTORS:** • 18 AWG – 10 AWG fully annealed stranded bare copper
• Class K stranding per ASTM B 174
- INSULATION:** • Premium grade oil resistant Ethylene Propylene (EPDM)
- JACKET:** • Water, sunlight, and oil resistant, flame-retardant Chlorinated Polyethylene (CPE)
- LEGEND:** • CCI ROYAL X/C XX AWG (XX MM²) SOOW E54864-L (UL) 600V -40C TO 90C -- CSA LL39753(L) SOOW 600V -40C TO 90C FT2 WATER RESISTANT P-07-KA070018-1 MSHA
- FEATURES:** • Excellent abrasion, ozone, sunlight, chemical and oil resistance, and water resistant with high degree of flexibility
• Approved for indoor and outdoor locations
• Good tensile strength, elongation, and aging properties
- APPLICATIONS:** • Petrochemical manufacturing and processing facilities
• Industrial cooling and refrigeration equipment
• Conveyors and multi-line automation/robotic systems
- OPTIONS:** • Tinned copper, shielding and other color codes available upon request
- INDUSTRY APPROVALS:**
- UL Standard 62
 - NEC 501.140 Class I Div. 2
 - CSA 22. 2 No. 49
 - MSHA
 - NEC Article 400
 - Federal Spec #JC580B
 - RoHS

No. Cond.	18 (16/30) AWG			16 (26/30) AWG			14 (41/30) AWG			12 (65/30) AWG			10 (104/30) AWG		
	Part No.	Nom. OD	Weight lbs./mft	Part No.	Nom. OD	Weight lbs./mft	Part No.	Nom. OD	Weight lbs./mft	Part No.	Nom. OD	Weight lbs./mft	Part No.	Nom. OD	Weight lbs./mft
5	830505	0.465	116	830506	0.495	143	830507	0.668	272	830508	0.713	338	830509	0.770	440
6	830605	0.488	132	830606	0.527	171	830607	0.664	262	830608	0.740	351	830609	0.806	466
7	830705	0.488	159	830706	0.527	180	830707	0.670	278	830708	0.746	372	830709	0.835	520
8	830805	0.521	175	830806	0.564	201	830807	0.743	341	830808	0.803	418	830809	0.866	536
10	831005	0.596	206	831006	0.648	251	831007	0.858	410	831008	0.930	505	831009	1.04	683
12	831205	0.612	231	831206	0.696	299	831207	0.883	482	831208	0.987	690	831209	1.07	801
14	831405	0.640	241	831406	0.727	342	831407	0.908	489	831408	1.04	728	831409	1.12	918
16	831605	0.668	284	831606	0.763	367	831607	1.00	628	831608	1.09	762	831609	1.18	1035
20	832005	0.767	347	832006	0.775	414	832007	1.11	782	832008	1.20	922	832009	1.34	1281
24	832405	0.830	383	832406	0.920	490	832407	1.20	810	832408	1.35	1133	832409	1.48	1514
30	833005	0.873	453	833006	1.000	613	833007	1.29	997	833008	1.42	1326	833009	1.56	1822
37	833705	0.980	570	833706	1.060	719	833707	1.30	1203	833708	1.54	1562	833709	1.68	2181

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 47 for Ordering and Color Code information.



Royal® STOW / SJTOW

-20°C to 60°C 600V, UL/CSA

- CONDUCTORS:**
- 18 AWG – 10 AWG fully annealed stranded bare copper
 - Class K stranding per ASTM B 174

- INSULATION:**
- Industrial grade Polyvinyl Chloride (PVC)

- JACKET:**
- Water, sunlight, and oil resistant Polyvinyl Chloride (PVC)

- LEGEND:**
- CCI ROYAL (SIZE) SJTOW (or STOW) E54684 (UL) 300V (or 600V) -- CSA LL39753 (SIZE) SJTOW(or STOW) 300V (or 600V) 60C FT1 WATER RESISTANT

- FEATURES:**
- SJTOW: 300V Hard Usage per NEC Article 400
 - STOW: 600V Extra Hard Usage per NEC Article 400

- APPLICATIONS:**
- Temporary lighting equipment
 - Portable tools
 - Motors

- INDUSTRY APPROVALS:**
- UL Standard 62
 - CSA 22.2 No. 49
 - RoHS



PORTABLE CORD

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
				in.	mm.	in.	mm.	lbs./mft	kg/km	
SJTOW										
20125	18	2	16/30	0.030	0.76	0.290	7.37	41	61	10
20135	18	3	16/30	0.030	0.76	0.305	7.75	51	76	10
20145	18	4	16/30	0.030	0.76	0.330	8.38	63	94	7
20126	16	2	26/30	0.030	0.76	0.330	8.38	55	82	13
20136	16	3	26/30	0.030	0.76	0.330	8.38	63	94	13
20146	16	4	26/30	0.030	0.76	0.355	9.02	76	113	10
20127	14	2	41/30	0.030	0.76	0.343	8.71	61	91	18
20137	14	3	41/30	0.030	0.76	0.365	9.27	83	124	18
20147	14	4	41/30	0.030	0.76	0.395	10.03	103	153	15
20128	12	2	65/30	0.030	0.76	0.415	10.54	98	146	25
20138	12	3	65/30	0.030	0.76	0.430	10.92	123	183	25
20148	12	4	65/30	0.030	0.76	0.470	11.94	156	232	20
20129	10	2	104/30	0.045	1.14	0.549	13.94	164	244	30
20139	10	3	104/30	0.045	1.14	0.575	14.61	208	310	30
20149	10	4	104/30	0.045	1.14	0.630	16.00	269	400	25
20159	10	5	104/30	0.045	1.14	0.751	19.08	341	507	20
STOW										
20025	18	2	16/30	0.030	0.76	0.345	8.76	59	88	10
20035	18	3	16/30	0.030	0.76	0.365	9.27	69	103	10
20045	18	4	16/30	0.030	0.76	0.930	9.91	81	121	7
20026	16	2	26/30	0.030	0.76	0.370	9.40	71	106	13
20036	16	3	26/30	0.030	0.76	0.390	9.91	83	124	13
20046	16	4	26/30	0.030	0.76	0.415	10.54	101	150	10
20027	14	2	41/30	0.045	1.14	0.505	12.83	123	183	18
20037	14	3	41/30	0.045	1.14	0.535	13.59	148	220	18
20047	14	4	41/30	0.045	1.14	0.565	14.35	178	265	15
20028	12	2	65/30	0.045	1.14	0.565	14.35	163	243	25
20038	12	3	65/30	0.045	1.14	0.595	15.11	198	295	25
20048	12	4	65/30	0.045	1.14	0.645	16.38	242	360	20
20029	10	2	104/30	0.045	1.14	0.620	15.75	207	308	30
20039	10	3	104/30	0.045	1.14	0.655	16.64	257	382	30
20049	10	4	104/30	0.045	1.14	0.705	17.91	317	432	25
20259	10	5	104/30	0.045	1.14	0.765	19.43	377	561	20

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

*Ampacity based on NEC Table 400.5(A)
Tinned copper, shielding and other color codes available upon request.
See page 47 for Ordering and Color Code information.



Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Royal® Bus Drop Cable

-20°C to 60°C 600V, UL/MSHA

PORTABLE CORD



- CONDUCTORS:**
 - 14 AWG – 2 AWG fully annealed stranded bare copper
 - Stranding per ASTM B 8
- INSULATION:**
 - Premium grade Polyvinyl Chloride (PVC)
- JACKET:**
 - Industrial grade, abrasion resistant Polyvinyl Chloride (PVC)
- LEGEND:**
 - CCI ROYAL E54864 (SIZE) BUS DROP CABLE TW INS. (UL) 600V 60C DRY 60C WET OUTDOOR
- FEATURES:**
 - Oils, lubricants, acids, alkalis, water, ozone and abrasion resistant
 - One uninsulated ground per current-carrying conductor
 - Wet and dry location approved
- APPLICATIONS:**
 - Drop cable from overhead electrical busways
 - Connection of stationary equipment to allow relocation
 - Indoor or outdoor wet and dry locations
- OPTIONS:**
 - Tinned copper, shielding and other color codes available upon request
- INDUSTRY APPROVALS:**
 - UL Subject 509
 - OSHA
 - RoHS

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
				in.	mm.	in.	mm.	lbs./mft	kg/km	
50307	14	3	19/.0147	0.030	0.76	0.379	20.62	107	159	20
50308	12	3	19/.0185	0.030	0.76	0.420	22.85	147	219	25
50309	10	3	19/.0234	0.030	0.76	0.470	25.57	209	311	30
50310	8	3	19/.0295	0.045	1.14	0.630	34.27	326	485	40
50311	6	3	19/.0403	0.060	1.52	0.794	43.19	487	725	55
50312	4	3	19/.0469	0.060	1.52	0.939	51.08	735	1094	70
50313	2	3	19/.0591	0.060	1.52	1.071	58.26	1022	1521	95

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Ampacity based on NEC Table 310.16(A)
See page 47 for Ordering and Color Code information.



Baron® Twisted Pump Cable

-50°C to 90°C 600V, UL

CONDUCTORS: • 14 AWG – 2 AWG fully annealed solid or stranded bare copper
• Stranding per ASTM B 8

INSULATION: • Premium grade Thermoplastic Elastomer (TPE)

LEGEND: • CCI PUMP CABLE XX AWG (XX MM²) E54868 (UL) 600V
90C DRY 75C WET

FEATURES: • Abrasion, ozone, sunlight, chemical and oil and water resistance provides outstanding cable life in the harshest environments
• -50°C to 90°C; 75°C Wet Rated

APPLICATIONS: • For use within the well casing to supply power to deep well submersible pumps

OPTIONS: • Tinned copper and other color codes available upon request

INDUSTRY APPROVALS: • UL
• RoHS



PORTABLE CORD

Without Ground				Insulation Thickness		Nominal OD		Weight	
Part Number	Gauge	No. Cond.	Stranding	in.	mm.	in.	mm.	lbs./mft	kg/km
42207	14	2	SOLID	0.030	0.76	0.256	6.502	38	57
42307	14	3	SOLID	0.030	0.76	0.276	7.010	58	86
42208	12	2	SOLID	0.030	0.76	0.290	7.366	50	74
42308	12	3	SOLID	0.030	0.76	0.313	7.950	83	124
42209	10	2	SOLID	0.030	0.76	0.332	8.433	83	124
42309	10	3	SOLID	0.030	0.76	0.359	9.119	124	185
42310	8	3	19/.0295	0.060	1.52	0.583	14.808	234	348
43311	6	3	19/.0372	0.060	1.52	0.665	16.891	345	514
43312	4	3	19/.0469	0.060	1.52	0.771	19.583	512	762
43313	2	3	19/.0591	0.060	1.52	0.907	23.038	774	1157

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

With Ground					Insulation Thickness		Nominal OD		Weight	
Part Number	Gauge	No. Cond.	Stranding	Ground	in.	mm.	in.	mm.	lbs./mft	kg/km
42257	14	2 W/GND	SOLID	1 X 14 AWG	0.030	0.76	0.276	7.01	50	74
42357	14	3 W/GND	SOLID	1 X 14 AWG	0.030	0.76	0.309	7.85	67	100
42258	12	2 W/GND	SOLID	1 X 12 AWG	0.030	0.76	0.313	7.95	75	112
42358	12	3 W/GND	SOLID	1 X 12 AWG	0.030	0.76	0.351	8.92	100	149
42259	10	2 W/GND	SOLID	1 X 10 AWG	0.030	0.76	0.358	9.09	113	168
42359	10	3 W/GND	SOLID	1 X 10 AWG	0.030	0.76	0.401	10.19	151	225
42260	8	2 W/GND	19/.0295	1 x 10 AWG	0.045	1.14	0.475	12.07	169	252
42360	8	3 W/GND	19/.0295	1 x 10 AWG	0.045	1.14	0.545	13.84	234	348
42361	6	3 W/GND	19/.0372	1 X 8 AWG	0.060	1.52	0.709	18.01	375	558
42362	4	3 W/GND	19/.0469	1 X 8 AWG	0.060	1.52	0.780	19.81	537	799
42363	2	3 W/GND	19/.0591	1 X 6 AWG	0.060	1.52	0.950	24.13	825	1228

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 47 for Ordering and Color Code information.



Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Baron® Jacketed Pump Cable

-20°C to 75°C 600V, UL

PORTABLE CORD



- CONDUCTORS:** • 14 AWG – 2/0 AWG fully annealed stranded bare copper
• Stranding per ASTM B 8
- INSULATION:** • Industrial grade Polyvinyl Chloride (PVC)
- JACKET:** • Sunlight, ozone and water resistant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI SUBMERSIBLE PUMP CABLE X/C XX AWG (XX MM²) E101736 (UL) TYPE THW 600V INS
- FEATURES:** • Superior abrasion, ozone, sunlight, chemical and oil and water resistance provides outstanding cable life in the harshest environments
• -20°C to 75°C; 75°C Wet Rated
- APPLICATIONS:** • For use within the well casing to supply power to deep well submersible pumps
• Designed for use where flexibility during installation and operation is required
- OPTIONS:** • Tinned copper and other color codes available upon request
- INDUSTRY APPROVALS:** • UL • RoHS

Without Ground				Insulation Thickness		Nominal OD		Weight	
Part Number	Gauge	No. Cond.	Stranding	in.	mm.	in.	mm.	lbs./mft	kg/km
42217	14	2	7/.0242	0.045	1.14	0.260 X 0.426	6.60 X 10.82	78	116
42317	14	3	7/.0242	0.045	1.14	0.260 X 0.592	6.60 X 15.04	114	170
42218	12	2	19/.0185	0.050	1.27	0.288 X 0.478	7.32 X 12.14	103	153
42318	12	3	19/.0185	0.050	1.27	0.288 X 0.655	7.32 X 16.64	133	198
42219	10	2	19/.0234	0.050	1.27	0.304 X 0.514	7.72 X 13.06	135	201
42319	10	3	19/.0234	0.050	1.27	0.304 X 0.724	7.72 X 18.39	200	298
42320	8	3	19/.0295	0.060	1.52	0.365 X 0.903	9.27 X 22.94	303	451
42321	6	3	19/.0372	0.060	1.52	0.402 X 1.018	10.21 X 25.86	418	622
42322	4	3	19/.0469	0.060	1.52	0.451 X 1.165	11.46 X 29.59	605	900
42323	2	3	19/.0591	0.060	1.52	0.512 X 1.348	13.00 X 34.24	881	1311

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

With Ground					Insulation Thickness		Nominal OD		Weight	
Part Number	Gauge	No. Cond.	Stranding	Ground	in.	mm.	in.	mm.	lbs./mft	kg/km
42267	14	2 W/GND	19/.0147	1 X 14 AWG	0.030	0.76	0.184 X 0.452	4.67 X 11.48	76	113
42367	14	3 W/GND	19/.0147	1 X 14 AWG	0.030	0.76	0.184 X 0.586	4.67 X 14.88	101	150
42268	12	2 W/GND	19/.0185	1 X 12 AWG	0.030	0.76	0.203 X 0.509	5.16 X 12.93	106	158
42368	12	3 W/GND	19/.0185	1 X 12 AWG	0.030	0.76	0.203 X 0.662	5.16 X 16.81	141	210
42269	10	2 W/GND	19/.0234	1 X 10 AWG	0.030	0.76	0.226 X 0.578	5.74 X 14.68	151	225
42369	10	3 W/GND	19/.0234	1 X 10 AWG	0.030	0.76	0.226 X 0.754	5.74 X 19.15	201	299
42370	8	3 W/GND	19/.0295	1 X 10 AWG	0.045	1.14	0.302 X 0.962	9.19 X 24.43	312	464
42371	6	3 W/GND	19/.0372	1 X 8 AWG	0.060	1.52	0.370 X 1.232	9.39 X 31.29	489	741
42372	4	3 W/GND	19/.0469	1 X 8 AWG	0.060	1.52	0.419 X 1.379	10.64 X 35.03	674	1003
42373	2	3 W/GND	19/.0591	1 X 6 AWG	0.060	1.52	0.480 X 1.630	12.19 X 41.40	996	1482
42374	1/0	3 W/GND	19/.0745	1 X 6 AWG	0.080	2.03	0.627 X 2.011	15.93 X 51.08	1551	2308
42375	2/0	3 W/GND	19/.0837	1 X 6 AWG	0.080	2.03	0.674 X 2.152	17.12 X 54.66	1859	2766

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 47 for Ordering and Color Code information.



Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Baron® Superior Bonded Pump Cable

-20°C to 75°C 600V, UL

CONDUCTORS: • 14 AWG – 4 AWG fully annealed stranded bare copper
• Stranding per ASTM B 8

INSULATION: • Industrial grade Polyvinyl Chloride (PVC)

LEGEND: • CCI SUBMERSIBLE PUMP CABLE XX AWG (XX MM²)
E101736 (UL) TYPE THW 600V INS

FEATURES: • Superior abrasion, ozone, sunlight, chemical and oil and water resistance provides outstanding cable life in the harshest environments
• -20°C to 75°C

APPLICATIONS: • For use within the well casing to supply power to deep well submersible pumps

OPTIONS: • Tinned copper and other color codes available upon request

INDUSTRY APPROVALS: • UL
• RoHS



PORTABLE CORD

Without Ground				Insulation Thickness		Nominal OD		Weight	
Part Number	Gauge	No. Cond.	Stranding	in.	mm.	in.	mm.	lbs./mft	kg/km
42287	14	2	19/.0147	0.045	1.14	0.164 X 0.328	4.16 X 8.33	45	67
42387	14	3	19/.0147	0.045	1.14	0.164 X 0.492	4.16 X 12.50	68	101
42288	12	2	19/.0185	0.045	1.14	0.183 X 0.366	4.65 X 9.29	64	95
42388	12	3	19/.0185	0.045	1.14	0.183 X 0.549	4.65 X 13.94	96	143
42289	10	2	19/.0234	0.045	1.14	0.206 X 0.412	5.23 X 10.46	92	137
42389	10	3	19/.0234	0.045	1.14	0.206 X 0.618	5.23 X 15.69	138	205
42390	8	3	168/30	0.060	1.52	0.285 X 0.855	7.24 X 21.72	236	351
42391	6	3	259/30	0.060	1.52	0.307 X 0.921	7.80 X 23.39	346	515
42392	4	3	420/30	0.060	1.52	0.376 X 1.128	9.55 X 28.65	505	751

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

With Ground					Insulation Thickness		Nominal OD		Weight	
Part Number	Gauge	No. Cond.	Stranding	Ground	in.	mm.	in.	mm.	lbs./mft	kg/km
42237	14	2 W/GND	19/.0147	1 X 14 AWG	0.045	1.14	0.164 X 0.492	4.16 X 12.50	68	101
42337	14	3 W/GND	19/.0147	1 X 14 AWG	0.045	1.14	0.164 X 0.656	4.16 X 16.66	91	135
42238	12	2 W/GND	19/.0185	1 X 12 AWG	0.045	1.14	0.183 X 0.549	4.65 X 13.94	96	143
42338	12	3 W/GND	19/.0185	1 X 12 AWG	0.045	1.14	0.183 X 0.732	4.65 X 18.59	128	191
42239	10	2 W/GND	19/.0234	1 X 10 AWG	0.045	1.14	0.206 X 0.618	5.23 X 15.69	138	205
42339	10	3 W/GND	19/.0234	1 X 10 AWG	0.045	1.14	0.206 X 0.824	5.23 X 20.92	184	273
42240	8	2 W/GND	168/30	1 X 10 AWG	0.060	1.52	0.285 X 0.855	7.24 X 21.72	197	293
42340	8	3 W/GND	168/30	1 X 10 AWG	0.060	1.52	0.285 X 1.14	7.24 X 28.96	272	405
42341	6	3 W/GND	259/30	1 X 8 AWG	0.060	1.52	0.307 X 1.23	7.80 X 31.24	418	622
42342	4	3 W/GND	420/30	1 X 8 AWG	0.060	1.52	0.376 X 1.50	9.55 X 38.10	566	842

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 47 for Ordering and Color Code information.



Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Baron[®] Supreme Jacketed Pump Cable

-50°C to 90°C 600V, UL

PORTABLE CORD



- CONDUCTORS:**
- 14 AWG – 2 AWG fully annealed stranded bare copper
 - Class K stranding per ASTM B 174
- INSULATION:**
- Premium grade Thermoplastic Elastomer (TPE)
 - Brilliant colors for easy identification
- JACKET:**
- Water, sunlight, oil resistant, flame-retardant Thermoplastic Elastomer (TPE)
- LEGEND:**
- CCI PUMP CABLE XX AWG X/C (XX MM²) E54868 (UL) 600V 90C DRY 75C WET
- FEATURES:**
- Superior abrasion, ozone, sunlight, chemical and oil and water resistance provides outstanding cable life in the harshest environments
 - -50°C to 90°C; 75°C Wet Rated
- APPLICATIONS:**
- For use within the well casing to supply power to deep well submersible pumps
 - Designed for use where flexibility during installation and operation is required
 - Jacketed pump cable provides added mechanical protection during installation and operation

INDUSTRY APPROVALS: • UL • RoHS

Part Number	Without Ground			Insulation Thickness		Nominal OD		Weight	
	Gauge	No. Cond.	Stranding	in.	mm.	in.	mm.	lbs./mft	kg/km
44207	14	2	41/30	0.030	0.76	0.196 X 0.332	4.98 X 8.43	45	67
44307	14	3	41/30	0.030	0.76	0.196 X 0.468	4.98 X 11.89	67	100
44208	12	2	65/30	0.030	0.76	0.216 X 0.372	5.49 X 9.45	64	95
44308	12	3	65/30	0.030	0.76	0.216 X 0.526	5.49 X 13.36	94	140
44209	10	2	104/30	0.030	0.76	0.241 X 0.422	6.12 X 10.72	92	137
44309	10	3	104/30	0.030	0.76	0.241 X 0.597	6.12 X 15.16	137	204
44310	8	3	168/30	0.060	1.52	0.365 X 0.935	9.27 X 23.75	261	388
44311	6	3	266/30	0.060	1.52	0.404 X 1.053	10.26 X 26.75	376	560
44312	4	3	420/30	0.060	1.52	0.459 X 1.227	11.66 X 31.17	551	820
44313	2	3	665/30	0.060	1.52	0.554 X 1.447	14.07 X 36.75	842	1253

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

Part Number	With Ground					Insulation Thickness		Nominal OD		Weight	
	Gauge	No. Cond.	Stranding	Ground		in.	mm.	in.	mm.	lbs./mft	kg/km
44257	14	2 W/GND	41/30	1 X 14 AWG		0.030	0.76	0.188 X 0.464	4.78 X 11.79	65	97
44258	12	2 W/GND	65/30	1 X 12 AWG		0.030	0.76	0.206 X 0.518	5.23 X 13.16	92	137
44358	12	3 W/GND	65/30	1 X 12 AWG		0.030	0.76	0.206 X 0.674	5.23 X 17.12	122	182
44259	10	2 W/GND	104/30	1 X 10 AWG		0.030	0.76	0.231 X 0.593	5.87 X 15.06	135	201
44359	10	3 W/GND	104/30	1 X 10 AWG		0.030	0.76	0.231 X 0.774	5.87 X 19.66	180	268
44360	8	3 W/GND	168/30	1 x 10 AWG		0.045	1.14	0.316 X 1.009	8.03 X 25.63	284	423
44361	6	3 W/GND	266/30	1 X 8 AWG		0.060	1.52	0.369 X 1.243	9.37 X 31.57	441	656
44362	4	3 W/GND	420/30	1 X 8 AWG		0.060	1.52	0.438 X 1.45	11.13 X 36.83	626	932
44363	2	3 W/GND	665/30	1 x 6 AWG		0.060	1.52	0.484 X 1.641	12.29 X 41.68	920	1369

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

Tinned copper and other color codes available upon request.
See page 47 for Ordering and Color Code information.



Seoprene® Welding Cable

-50°C to 105°C 600V, TPE

CONDUCTORS: • 8 – 4/0 fully annealed stranded bare copper

INSULATION: • Seoprene® Thermoplastic Elastomer (TPE)

LEGEND: • CCI XX WELDING CABLE 600V 105C MADE IN USA MSHA

FEATURES: • Supreme flexibility at extreme temperatures between -50°C to 105°C
 • High resistance to flame, oil, grease, solvents, ozone and abrasion
 • 600V high dielectric strength integrity. Lightweight, heavy-duty jacket
 • Easy handling and storing

APPLICATIONS: • Secondary voltage resistance welding cable leads
 • Temporary power uses
 • National electrical code Article 630 electric welders

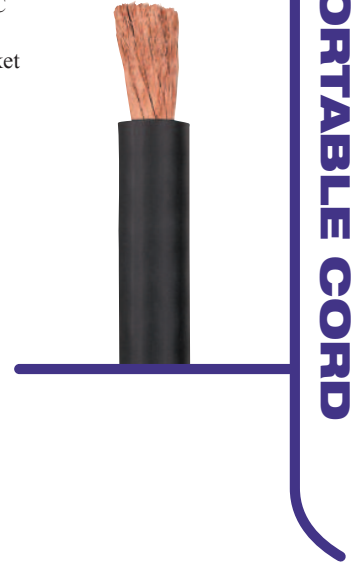
OPTIONS: • Tinned copper and colors available upon request

INDUSTRY APPROVALS: • MSHA
 • RoHS

RECOMMENDED MINIMUM WELDING CABLE SIZING CHART

Welding Current Amps	Length in Feet For Total Circuit for Secondary Voltages Only (DO NOT Use This Table For 600 Volt In-Line Applications)						
	50	100	150	200	250	300	350
100	4	4	4	2	2	1	1/0
150	4	4	2	1	1/0	2/0	3/0
200	2	2	1	1/0	2/0	3/0	4/0
250	2	2	1/0	2/0	3/0	4/0	
300	1	1	2/0	3/0	4/0		
350	1/0	1/0	3/0	4/0			
400	2/0	2/0	3/0				
500	3/0	4/0	4/0				
600	4/0	4/0					

- Ampacities are based on 105°C conductor temperature, 40°C ambient air / 50% duty cycle and approximate voltage drop of 4V @ 25°C conductor temperature or 5VB @ 105°C conductor temperature.



Part Number	Gauge	Stranding	Insulation Thickness		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
10010	8	168/30	0.073	1.85	0.309	7.85	87	129
10011	6	266/30	0.073	1.85	0.322	8.18	117	174
10012	4	392/30	0.073	1.85	0.358	9.09	162	241
10013	2	651/30	0.073	1.85	0.437	11.10	249	371
10014	1	798/30	0.073	1.85	0.467	11.86	298	443
10015	1/0	1026/30	0.087	2.21	0.536	13.61	386	574
10016	2/0	1254/30	0.087	2.21	0.574	14.58	475	707
10017	3/0	1615/30	0.105	2.67	0.677	17.20	625	930
10018	4/0	2052/30	0.105	2.67	0.738	18.75	775	1153

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 47 for Ordering and Color Code information.



Seoprene®

Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Royal® / Excelene® Welding Cable

-50°C to 105°C 600V, EPDM

PORTABLE CORD



- CONDUCTORS:** • 8 – 4/0 fully annealed stranded bare copper
- INSULATION:** • Industrial grade Ethylene Propylene (EP) Rubber
- LEGEND:** • CCI ROYAL/EXCELENE (SIZE) (XX MM²) WELDING CABLE 600V -50C TO 105C MADE IN THE USA
- FEATURES:** • Finely stranded bare copper provides extra flexible constructions
• Greater temperature range (-50°C to 105°C) than typical welding cable
• Abrasion and tear resistant industrial grade jacket compound
- APPLICATIONS:** • Secondary voltage resistance welding cable leads
• Temporary power uses
• National electrical code Article 630 electric welders
- OPTIONS:** • Tinned copper and colors available upon request
- INDUSTRY APPROVALS:** • RoHS

RECOMMENDED MINIMUM WELDING CABLE SIZING CHART

Welding Current Amps	Length in Feet For Total Circuit for Secondary Voltages Only (DO NOT Use This Table For 600 Volt In-Line Applications)						
	50	100	150	200	250	300	350
100	4	4	4	2	2	1	1/0
150	4	4	2	1	1/0	2/0	3/0
200	2	2	1	1/0	2/0	3/0	4/0
250	2	2	1/0	2/0	3/0	4/0	
300	1	1	2/0	3/0	4/0		
350	1/0	1/0	3/0	4/0			
400	2/0	2/0	3/0				
500	3/0	4/0	4/0				
600	4/0	4/0					

- Ampacities are based on 105°C conductor temperature, 40°C ambient air / 50% duty cycle and approximate voltage drop of 4V @ 25°C conductor temperature or 5VB @ 105°C conductor temperature.

Part Number	Gauge	Stranding	Insulation Thickness		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
10410	8	168/30	0.064	1.63	0.285	7.24	85	126
10411	6	266/30	0.064	1.63	0.305	7.75	116	173
10412	4	392/30	0.064	1.63	0.340	8.64	159	240
10413	2	651/30	0.064	1.63	0.420	10.67	251	374
10414	1	798/30	0.084	2.13	0.490	12.45	321	460
10415	1/0	1026/30	0.084	2.13	0.525	13.34	395	451
10416	2/0	1254/30	0.084	2.13	0.570	14.48	471	701
10417	3/0	1615/30	0.084	2.13	0.635	16.13	588	710
10418	4/0	2052/30	0.084	2.13	0.695	17.65	749	1065

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 47 for Ordering and Color Code information.



Royal® / Super Excelene® Welding Cable

-50°C to 90°C 600V, UL CPE

- CONDUCTORS:**
- 6 AWG - 4/0 fully annealed stranded bare copper
 - Class K stranding per ASTM B 174

- INSULATION:**
- Chlorinated Polyethylene (CPE)

- LEGEND:**
- XX AWG SUPER EXCELENE E178457 (UL) 600V 90C (-50C) OIL RESISTANT MADE IN USA

- FEATURES:**
- -50°C to 90°C Rated
 - Annealed stranded bare copper per ASTM B-172.
 - Footmarked for easy length identification.
 - Ozone, sun, weather, and chemical resistant.

- APPLICATIONS:**
- National Electric Code Article 630 Electric Welders.
 - Designed for use as welding leads from the secondary side of the power source - typical of arc welders and welding generators.
 - Additional uses may include flexible lead cable; electrode to welder unit, battery cables, and temporary and permanent lead cables.

- OPTIONS:**
- Tinned copper and colors available upon request

- INDUSTRY APPROVALS:**
- UL

RECOMMENDED MINIMUM WELDING CABLE SIZING CHART

Welding Current	Length in Feet For Total Circuit for Secondary Voltages Only (DO NOT Use This Table For 600 Volt In-Line Applications)							
	Amps	50	100	150	200	250	300	350
100	4	4	4	2	2	1	1/0	
150	4	4	2	1	1/0	2/0	3/0	
200	2	2	1	1/0	2/0	3/0	4/0	
250	2	2	1/0	2/0	3/0	4/0		
300	1	1	2/0	3/0	4/0			
350	1/0	1/0	3/0	4/0				
400	2/0	2/0	3/0					
500	3/0	4/0	4/0					
600	4/0	4/0						

- Ampacities are based on 105°C conductor temperature, 40°C ambient air / 50% duty cycle and approximate voltage drop of 4V @ 25°C conductor temperature or 5VB @ 105°C conductor temperature.



PORTABLE CORD

Part Number	Gauge	Stranding	Insulation Thickness		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
F06016	6	266/30	0.085	2.16	0.364	9.25	145	216
F04038	4	420/30	0.085	2.16	0.414	10.52	205	305
F03009	3	525/30	0.085	2.16	0.454	11.53	253	377
F02033	2	665/30	0.090	2.29	0.482	12.24	295	439
F01020	1	1064/30	0.090	2.29	0.522	13.26	357	531
F1T010	1/0	1064/30	0.090	2.29	0.582	14.78	456	679
F2T008	2/0	1330/30	0.090	2.29	0.637	16.18	555	826
F3T045	3/0	1672/30	0.090	2.29	0.653	16.59	650	967
F4T009	4/0	2109/30	0.090	2.29	0.695	17.65	764	1137

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 47 for Ordering and Color Code information.



Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Royal® XHHW-2

-40°C to 90°C 600V, UL/CSA

PORTABLE CORD



CONDUCTORS: • 8 AWG – 500 MCM fully annealed stranded bare copper
• Class B stranding in accordance with ASTM B 8

INSULATION: • Flame-retardant Cross-Linked Polyethylene (XLPE)

LEGEND: • **8 AWG - 1 AWG:**
CCI ROYAL XX AWG (XX MM²) E137925 (UL) XHHW-2
90C 600V -- C(UL) RW90 XLPE 90C WET OR DRY
600V FT1

• **1/0 - 500 MCM:**
CCI Royal XX AWG (XX MM²) E137925 (UL) XHHW-2
90C 600V FOR CT USE VW-1 -- 156016 CSA RW90 90C
DRY/90C WET 600V PRI -40C FT1 FT4/IEEE 1202

FEATURES: • Excellent flame resistance

APPLICATIONS: • Distribution board, panel board and switch board wiring for instrumentation and control
• Suitable for low toxicity applications
• General purpose building wire for use in cable tray or approved raceways not exceeding 600 volts

OPTIONS: • VW-1, Tinned copper and colors available upon request

INDUSTRY APPROVALS: • ICEA S-95-658/NEMA WC 70
• UL Standard 44, Type XHHW-2—600 volt
• CSA 22.2 No. 38, RW90—600 Volt
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method
• RoHS

Part Number	Gauge	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
			in.	mm.	in.	mm.	lbs./mft	kg/km	
18014	14	7/.0242	0.030	0.762	0.136	3.45	18	27	35
18012	12	7/.0305	0.030	0.762	0.154	3.91	28	42	40
18011	10	7/.0385	0.030	0.762	0.177	4.49	41	61	55
18080	8	7/.0486	0.045	1.14	0.240	6.10	70	104	80
18060	6	7/.0612	0.045	1.14	0.272	6.91	105	156	105
18040	4	7/.0772	0.045	1.14	0.319	8.10	155	231	140
18030	3	7/.0867	0.045	1.14	0.346	8.79	184	274	165
18020	2	7/.0974	0.045	1.14	0.377	9.58	243	362	190
18010	1	19/.0664	0.055	1.40	0.446	11.33	313	466	220
18100	1/0	19/.0745	0.055	1.40	0.474	12.04	380	565	260
18200	2/0	19/.0837	0.055	1.40	0.518	13.16	470	699	300
18300	3/0	19/.0940	0.055	1.40	0.568	14.43	581	865	350
18400	4/0	19/.1055	0.055	1.40	0.624	15.85	711	1058	405
18250	250 MCM	37/.0822	0.065	1.65	0.692	17.58	877	1305	455
18330	300 MCM	37/.0900	0.065	1.65	0.745	18.92	1012	1506	505
18350	350 MCM	37/.0974	0.065	1.65	0.795	20.19	1231	1832	570
18440	400 MCM	37/.0104	0.065	1.65	0.840	21.34	1390	2068	615
18500	500 MCM	37/.1162	0.065	1.65	0.923	23.44	1709	2543	700
18600	600 MCM	61/.0992	0.080	2.03	1.030	26.16	2046	3045	780

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Ampacity based on NEC Table 310.17
See page 47 for Ordering and Color Code information.



Royal® XLP USE-2

-40°C to 90°C 600V, UL

- CONDUCTOR:**
- 14 AWG - 1000 MCM fully annealed stranded bare copper
 - Class B Stranding per ASTM B 8

- INSULATION:**
- Black flame retardant cross-linked polyethylene (XLPE)

- LEGEND:**
- **14 AWG - 2 AWG:**
CCI ROYAL XX AWG TYPE USE-2 OR RHH/RHW-2 E# (UL)
90C 600V --- MO/YR --- SEQ FT

- **1/0 AWG - 1000 MCM:**
CCI ROYAL XX AWG TYPE USE-2 OR RHH/RHW-2 E# (UL)
90C 600V FOR CT USE --- MO/YR --- SEQ FT

- FEATURES:**
- Rated 90°C wet or dry
 - Superior electrical and physical properties
 - Excellent moisture resistance
 - Resistant to heat deformation and crush
 - Oil and gas resistant
 - Direct burial approved

- APPLICATIONS:**
- Well suited for a variety of industrial utility, and commercial applications
 - Can be used in raceways, conduit, direct burial, and aerial applications, and cable tray where CT rated (1/0 and larger)

- OPTIONS:**
- VW-1, Tinned copper and colors available upon request

- INDUSTRY APPROVALS:**
- UL 44 Type RHH/RHW-2
 - ICEA S-95-658/Nema WC70
 - Oil and gas resistant II
 - IEEE 383
 - IEEE 1202/CSA FT4
 - UL 854 Type USE-2
 - For CT use on 1/0 and larger
 - For 1/0 and larger IEEE
 - ICEA T-29-520



PORTABLE CORD

Part Number	Gauge	Stranding	Insulation Thickness		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
19514	14	7/.0242	0.045	1.14	0.164	4.16	23	35
19512	12	7/.0305	0.045	1.14	0.184	4.67	32	48
19510	10	7/.0385	0.045	1.14	0.207	5.25	47	70
19508	8	7/.0486	0.060	1.52	0.268	6.80	76	113
19506	6	7/.0612	0.060	1.52	0.306	7.77	111	165
19504	4	7/.0772	0.060	1.52	0.354	8.99	165	245
19502	2	7/.0974	0.060	1.52	0.414	10.51	248	369
19511	1	7/.1093	0.080	2.03	0.497	12.62	320	476
19521	1/0	19/.0745	0.080	2.03	0.534	13.56	393	585
19522	2/0	19/.0837	0.080	2.03	0.538	14.79	488	727
19523	3/0	19/.0940	0.080	2.03	0.618	15.70	604	898
19524	4/0	19/.1055	0.080	2.03	0.692	17.57	741	1103
19525	250 MCM	37/.0822	0.095	2.41	0.764	19.40	883	1315
19535	350 MCM	37/.0974	0.095	2.41	0.873	22.17	1206	1795
19555	500 MCM	37/.1162	0.095	2.41	1.005	25.52	1687	2510
19575	750 MCM	61/.1109	0.110	2.79	1.250	31.75	2512	3738
19599	1000 MCM	61/.1280	0.110	2.79	1.400	35.56	3320	4940

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 47 for Ordering and Color Code information.



Coleman Cable Inc.

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Royal® Diesel Locomotive (DLO)

2000V Type DLO / 600V UL Type RHH/RHW-2, 1000V c(UL) Type RW-90

PORTABLE CORD



CONDUCTORS: • 8 AWG – 777 MCM AWG fully annealed stranded tinned copper in accordance with AAR-598 and ASTM B 33

INSULATION: • Premium grade Ethylene Propylene (EP) Rubber

JACKET: • Black Chlorinated Polyethylene (CPE)

LEGEND: • CCI ROYAL XX AWG (XX MM²) E137925 (UL) RHH/RHW-2 90C 600V FOR CT USE VW-1 --- 156016 C(UL) RW90 XLPE 90C DRY/90C WET 600V PRI -40C FT1 MSHA

FEATURES: • 90°C Wet/Dry for continuous exposure
• Approved for CT use (1/0 and larger)
• Highly resistant to oils, alkalis and acids

APPLICATIONS: • Mining and other industrial equipment
• Motor leads
• Petrochemical drilling rigs
• Diesel electric locomotives

OPTIONS: • Bare copper, FT4 and colors available upon request

INDUSTRY APPROVALS: • ICEA S-95-685/NEMA WC 70
• UL 44 TYPE RHH/RHW-2
• c(UL) RW90
• MSHA
• RoHS

Part Number	Gauge	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
			in.	mm.	in.	mm.	lbs./mft	kg/km	
167014	8	37/0211	0.065	1.65	0.348	8.84	105	156	80
167015	6	61/24	0.065	1.65	0.386	9.80	146	217	105
167017	4	105/24	0.065	1.65	0.438	11.13	206	307	140
167018	3	133/24	0.065	1.65	0.480	12.19	240	357	165
167019	2	161/24	0.065	1.65	0.500	12.70	293	436	190
167020	1	210/24	0.085	2.16	0.613	15.57	392	584	220
167021	1/0	266/24	0.085	2.16	0.620	15.75	462	688	260
167022	2/0	342/24	0.085	2.16	0.680	17.27	558	830	300
167023	3/0	418/24	0.085	2.16	0.752	19.10	673	1003	350
167024	4/0	532/24	0.085	2.16	0.780	19.81	833	1240	405
167026	262.6	646/24	0.100	2.54	0.920	23.37	1077	1603	467
167027	313.3	779/24	0.100	2.54	0.968	24.59	1225	1823	518
167029	373.7	931/24	0.100	2.54	1.065	27.05	1485	2210	588
167030	444.4	1102/24	0.100	2.54	1.132	28.75	1913	2847	649
167031	535.3	1330/24	0.125	3.18	1.240	31.50	2023	3010	725
167032	646.6	1591/24	0.125	3.18	1.359	34.51	2515	3742	814
167033	777.7	1924/24	0.125	3.18	1.382	35.10	3050	4538	900

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Ampacity based on NEC Table 310.17 (8 AWG thru 4/0) 90°C.
Larger sizes based on single conductor in free air, 30°C ambient and 90°C cond temperature.
See page 47 for Ordering and Color Code information.



Seoprene® PPE - Single Conductor

-40°C to 105°C 2000V, UL/c(UL)/MSHA

- CONDUCTORS:**
- 8 AWG to 500 MCM fully annealed stranded bare copper
 - Stranding per ASTM B 174
- INSULATION:**
- Seoprene® wet-rated Thermoplastic Elastomer (TPE)
 - Brilliant colors for easy identification
- JACKET:**
- Industrial-grade, water, sunlight, and oil resistant, flame-retardant, Black Seoprene® Thermoplastic Elastomer (TPE)
- LEGEND:**
- CCI SEOPRENE XX AWG TYPE PPE E172226 (UL) 2000V 90C DRY 75C WET -- C(UL) TYPE PPC/TPE 2000V -40C TO 105C 75C WET FT5 SUNLIGHT RESISTANT P-241-3-MSHA
- FEATURES:**
- -40°C to 105°C Dry / 75°C Wet/Submersible Rated
 - Excellent abrasion, ozone, sunlight, water, chemical and oil resistance, provides superior cable life in the harshest environments
 - Meets or exceeds all MSHA and UL flame specifications
- APPLICATIONS:**
- Oil drilling platforms, shipyards, and marinas
 - Portable power generation equipment
 - Mining and mineral processing facilities
- OPTIONS:**
- Tinned copper, shielding and other color codes available upon request

- INDUSTRY APPROVALS:**
- UL Standard 1650
 - NEC Article 400
 - RoHS
 - c(UL)
 - MSHA



Part Number	Gauge	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
			in.	mm.	in.	mm.	lbs./mft	kg/km	
30200	8	168/30	0.060	1.52	0.441	11.20	126	188	80
30201	6	259/30	0.060	1.52	0.530	13.46	186	277	105
30202	4	420/30	0.060	1.52	0.580	14.73	260	387	140
30204	2	665/30	0.060	1.52	0.649	16.48	362	539	190
30205	1	836/30	0.060	1.52	0.718	18.24	447	665	220
30206	1/0	1045/30	0.080	2.03	0.790	20.07	550	818	260
30207	2/0	1330/30	0.080	2.03	0.836	21.23	650	967	300
30208	3/0	1672/30	0.080	2.03	0.900	22.86	826	1229	350
30209	4/0	2109/30	0.080	2.03	0.930	23.62	947	1409	405
30210	250 MCM	2451/30	0.095	2.41	1.050	26.67	1167	1736	455
30212	350 MCM	3785/30	0.095	2.41	1.170	29.72	1546	2300	570
30214	500 MCM	5054/30	0.095	2.41	1.410	35.81	2183	3248	700

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Ampacity based on NEC Table 400.5(B)
See page 47 for Ordering and Color Code information.



Seoprene®

Coleman Cable Inc.

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Seoprene® PPE - Multi Conductors

-40°C to 105°C 2000V, UL/c(UL)/MSHA

PORTABLE CORD



- CONDUCTORS:**
- 8 AWG to 500 MCM fully annealed stranded bare copper
 - Stranding per ASTM B 174
- INSULATION:**
- Seoprene® oil resistant, wet-rated Thermoplastic Elastomer (TPE)
 - Brilliant colors for easy identification
- JACKET:**
- Industrial-grade, water, sunlight, and oil resistant, flame-retardant, Black Seoprene® Thermoplastic Elastomer (TPE)
- LEGEND:**
- CCI SEOPRENE XX AWG X/C TYPE PPE E172226 (UL) 2000V 90C DRY 75C WET C(UL) TYPE PPC/TPE 2000V -40C TO 105C 75C WET FT5 SUNLIGHT RESISTANT P-241-3-MSHA
- FEATURES:**
- -40°C to 105°C Dry / 75°C Wet/Submersible Rated
 - Excellent abrasion, ozone, sunlight, water, chemical and oil resistance, provides superior cable life in the harshest environments
 - Meets or exceeds all MSHA and UL flame specifications
- APPLICATIONS:**
- Oil drilling platforms, shipyards, and marinas
 - Portable power generation equipment
 - Mining and mineral processing facilities
- OPTIONS:**
- Tinned copper, shielding and other color codes available upon request
- INDUSTRY APPROVALS:**
- UL Standard 1650
 - NEC Article 400
 - RoHS
 - c(UL)
 - MSHA

2 Conductor - 2000 Volts

Part Number	Gauge	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
			in.	mm.	in.	mm.	lbs./mft	kg/km	
30220	8	168/30	0.060	1.52	0.810	20.57	280	417	74
30221	6	259/30	0.060	1.52	0.930	23.62	399	594	99
30222	4	420/30	0.060	1.52	1.080	27.43	576	857	130
30224	2	665/30	0.060	1.52	1.270	32.26	815	1213	174
30225	1	836/30	0.080	2.03	1.440	36.58	1046	1556	202
30226	1/0	1045/30	0.080	2.03	1.520	38.61	1188	1768	234
30227	2/0	1330/30	0.080	2.03	1.650	41.91	1487	2213	271
30228	3/0	1672/30	0.080	2.03	1.770	44.96	1791	2665	313
30229	4/0	2109/30	0.080	2.03	1.920	48.77	2150	3199	361

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

*Ampacity based on NEC Table 400.5(B)
See page 47 for Ordering and Color Code information.



Seoprene® PPE - Multi Conductors

-40°C to 105°C 2000V, UL/c(UL)/MSHA

PORTABLE CORD

3 Conductor - 2000 Volts

Part Number	Gauge	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
			in.	mm.	in.	mm.	lbs./mft	kg/km	
30240	8	168/30	0.060	1.52	0.910	23.11	400	595	74
30241	6	259/30	0.060	1.52	1.010	25.65	541	805	99
30242	4	420/30	0.060	1.52	1.150	29.21	765	1138	130
30244	2	665/30	0.060	1.52	1.340	34.04	1082	1610	174
30245	1	836/30	0.080	2.03	1.510	38.35	1356	2018	202
30246	1/0	1045/30	0.080	2.03	1.589	40.36	1827	2719	234
30247	2/0	1330/30	0.080	2.03	1.750	44.45	2023	3010	271
30248	3/0	1672/30	0.080	2.03	1.890	48.01	2471	3677	313
30249	4/0	2109/30	0.080	2.03	1.985	50.42	3214	4782	361
30250	250 MCM	2451/30	0.095	2.41	2.390	60.71	3747	5576	402
30252	350 MCM	3485/30	0.095	2.41	2.680	68.07	4947	7361	495
30254	500 MCM	5054/30	0.095	2.41	3.090	78.49	6721	10001	613

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

4 Conductor - 2000 Volts

Part Number	Gauge	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
			in.	mm.	in.	mm.	lbs./mft	kg/km	
30260	8	168/30	0.060	1.52	0.990	25.15	556	827	67
30261	6	259/30	0.060	1.52	1.059	26.90	749	1115	87
30262	4	420/30	0.060	1.52	1.270	32.26	1065	1585	114
30264	2	665/30	0.060	1.52	1.488	37.80	1519	2260	152
30265	1	836/30	0.080	2.03	1.680	42.67	1762	2622	177
30266	1/0	1045/30	0.080	2.03	1.790	45.47	2283	3397	205
30267	2/0	1330/30	0.080	2.03	1.930	49.02	2827	4207	237
30268	3/0	1672/30	0.080	2.03	2.070	52.58	3408	5071	274
30269	4/0	2109/30	0.080	2.03	2.195	55.75	4134	6152	316
30270	250 MCM	2451/30	0.095	2.41	2.465	67.18	5137	7644	352
30272	350 MCM	3485/30	0.095	2.41	2.960	75.18	6801	10120	433
30274	500 MCM	5054/30	0.095	2.41	3.390	86.11	9381	13959	536

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

5 Conductor - 2000 Volts

Part Number	Gauge	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
			in.	mm.	in.	mm.	lbs./mft	kg/km	
30280	8	168/30	0.060	1.52	1.070	27.18	585	870	52
30281	6	259/30	0.060	1.52	1.210	30.73	920	1369	70
30282	4	420/30	0.060	1.52	1.400	35.56	1363	2028	91
30284	2	665/30	0.060	1.52	1.610	40.89	1857	2763	122
30285	1	836/30	0.080	2.03	1.880	47.75	2209	3287	142
30286	1/0	1045/30	0.080	2.03	1.990	50.55	2725	4055	164
30287	2/0	1330/30	0.080	2.03	2.130	54.10	3557	5293	190
30288	3/0	1672/30	0.080	2.03	2.260	57.40	3861	5745	219
30289	4/0	2109/30	0.080	2.03	2.386	60.60	5023	7474	253

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Ampacity based on NEC Table 400.5(B)

See page 47 for Ordering and Color Code information.



Seoprene®

Coleman Cable Inc.

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Seoprene® PPE - Grounds

-40°C to 105°C 2000V, UL/c(UL)/MSHA

PORTABLE CORD



- CONDUCTORS:**
- 8 AWG to 500 MCM fully annealed stranded bare copper
 - Stranding per ASTM B 174
- INSULATION:**
- Seoprene® oil resistant, wet-rated Thermoplastic Elastomer (TPE)
 - Brilliant colors for easy identification
- JACKET:**
- Industrial-grade, water, sunlight, and oil resistant, flame-retardant, Black Seoprene® Thermoplastic Elastomer (TPE)
- LEGEND:**
- CCI SEOPRENE XX AWG X/C W/GRNDS TYPE PPE 2000V E172226 C(UL) TYPE PPC/TPE 2000V -40C TO 105C DRY 75C WET FT5 SUNLIGHT RESISTANT P-241-3-MSHA
- FEATURES:**
- -40°C to 105°C Dry / 75°C Wet/Submersible Rated
 - Excellent abrasion, ozone, sunlight, water, chemical and oil resistance, provides superior cable life in the harshest environments
 - Meets or exceeds all MSHA and UL flame specifications
- APPLICATIONS:**
- Oil drilling platforms, shipyards, and marinas
 - Portable power generation equipment
 - Mining and mineral processing facilities
- OPTIONS:**
- Tinned copper, shielding and other color codes available upon request
- INDUSTRY APPROVALS:**
- UL Standard 1650
 - NEC Article 400
 - RoHS
 - c(UL)
 - MSHA

4 Conductor W/ Ground - 2000 Volts

Part Number	Gauge	Stranding	Ground Gauge	Insulation Thickness		Nominal OD		Weight		Amps*
				in.	mm.	in.	mm.	lbs./mft	kg/km	
30360	8	168/30	4 #12	0.060	1.52	0.988	25.10	657	978	52
30361	6	259/30	4 #10	0.060	1.52	1.130	28.70	868	1292	70
30362	4	420/30	4 #10	0.060	1.52	1.270	32.26	1237	1841	91
30364	2	665/30	4 #8	0.060	1.52	1.480	37.59	1702	2533	122
30365	1	836/30	4 #8	0.080	2.03	1.680	42.67	2265	3370	142
30366	1/0	1045/30	4 #8	0.080	2.03	1.790	45.47	2534	3771	164
30367	2/0	1330/30	4 #6	0.080	2.03	1.930	49.02	3146	4681	190
30368	3/0	1672/30	4 #4	0.080	2.03	2.070	52.58	4073	6061	219
30369	4/0	2109/30	4 #4	0.080	2.03	2.177	55.30	4742	7056	253
30371	250 MCM	2451/30	4 #3	0.095	2.41	2.6445	67.18	5733	8531	282
30373	350 MCM	3485/30	4 #2	0.095	2.41	3.960	75.18	7566	11258	347
30375	500 MCM	5054/30	4 #1/0	0.095	2.41	3.390	86.11	10605	15780	428

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Ampacity based on NEC Table 400.5(B)
See page 47 for Ordering and Color Code information.



Seoprene®

Coleman Cable Inc.

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Seoprene® PPE - Ground with Ground Check

-40°C to 105°C 2000V, UL/c(UL)/MSHA

PORTABLE CORD



- CONDUCTORS:**
- 8 AWG to 500 MCM fully annealed stranded bare copper
 - Stranding per ASTM B 174
- INSULATION:**
- Seoprene® oil resistant, wet-rated Thermoplastic Elastomer (TPE)
 - Brilliant colors for easy identification
- JACKET:**
- Industrial-grade, water, sunlight, and oil resistant, flame-retardant, Black Seoprene® Thermoplastic Elastomer (TPE)
- LEGEND:**
- CCI SEOPRENE XX AWG X/C W/GRNDS & GRND CHK TYPE PPE 2000V E172226 C(UL) TYPE PPC/TPE 2000V -40C TO 105C DRY 75C WET FT5 SUNLIGHT RESISTANT P-241-3-MSHA
- FEATURES:**
- -40°C to 105°C Dry / 75°C Wet/Submersible Rated
 - Excellent abrasion, ozone, sunlight, water, chemical and oil resistance, provides superior cable life in the harshest environments
 - Meets or exceeds all MSHA and UL flame specifications
- APPLICATIONS:**
- Oil drilling platforms, shipyards, and marinas
 - Portable power generation equipment
 - Mining and mineral processing facilities
- OPTIONS:**
- Tinned copper, shielding and other color codes available upon request

- INDUSTRY APPROVALS:**
- UL Standard 1650
 - NEC Article 400
 - RoHS
 - c(UL)
 - MSHA

3 Conductor W/ Ground and Ground Check - 2000 Volts

Part Number	Gauge	Stranding	Ground Gauge	Ground Check Gauge	Insulation Thickness		Nominal OD		Weight		Amps*
					in.	mm.	in.	mm.	lbs./mft	kg/km	
30330	8	168/30	2 #10	10	0.060	1.52	0.810	20.57	475	707	65
30331	6	259/30	2 #10	10	0.060	1.52	1.025	26.04	718	1068	87
30332	4	420/30	2 #8	10	0.060	1.52	1.159	29.44	859	1278	114
30334	2	665/30	2 #6	10	0.060	1.52	1.340	34.04	1377	2049	152
30335	1	836/30	2 #6	8	0.080	2.03	1.440	36.58	1629	2424	177
30336	1/0	1045/30	2 #4	8	0.080	2.03	1.650	41.91	2196	3268	205
30337	2/0	1330/30	2 #4	8	0.080	2.03	1.750	44.45	2514	3741	237
30338	3/0	1672/30	2 #2	8	0.080	2.03	1.770	44.96	3146	4681	274
30339	4/0	2109/30	2 #2	8	0.080	2.03	1.934	49.12	3502	5211	316
30380	250 MCM	2451/30	2 #2	8	0.095	2.41	2.091	53.11	3845	5722	352
30381	350 MCM	3485/30	2 #1/0	8	0.095	2.41	2.680	68.07	5928	8821	433
30382	500 MCM	5054/30	2 #2/0	8	0.095	2.41	3.035	77.09	8003	11909	536

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Ampacity based on NEC Table 400.5(B)
See page 47 for Ordering and Color Code information.



Seoprene®

Coleman Cable Inc.

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Royal® Type W - Multi Conductors

-40°C to 90°C, 2000V, UL/CSA

PORTABLE CORD



- CONDUCTORS:**
- 8 AWG to 1 AWG fully annealed stranded bare copper
 - Stranding per ASTM B 174
- INSULATION:**
- Premium grade oil resistant Ethylene Propylene (EPDM)
- JACKET:**
- Premium grade, water, sunlight, and oil resistant, flame-retardant, Chlorinated Polyethylene (CPE)
- LEGEND:**
- CCI ROYAL X AWG (XXMM²) X/C TYPE W PORTABLE POWER CABLE E172226 (UL) 2000V 90C DRY 90C WET SUN RES -- C(UL) TYPE W -40C FT-5 MSHA
- FEATURES:**
- Superior abrasion, ozone, sunlight, chemical and oil resistance, and water provides excellent cable life in the harshest environments
 - -40°C to 90°C Dry / 90°C Wet/Submersible Rated
 - Meets or exceeds all MSHA and UL flame specifications
- APPLICATIONS:**
- Oil drilling platforms, shipyards, and marinas
 - Portable power generation equipment
 - Mining and mineral processing facilities
- OPTIONS:**
- Tinned copper, shielding and other color codes available upon request
- INDUSTRY APPROVALS:**
- UL
 - NEC Article 400
 - MSHA
 - c(UL)
 - RoHS

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
				in.	mm.	in.	mm.	lbs./mft	kg/km	
830220	8	2	133/29	0.060	1.52	0.814	20.68	346	515	74
830240	8	3	133/29	0.060	1.52	0.926	23.52	509	758	74
830260	8	4	133/29	0.060	1.52	1.000	25.40	618	920	65
830280	8	5	133/29	0.060	1.52	1.082	27.48	746	1110	52
830221	6	2	259/30	0.060	1.52	0.950	24.13	512	761	99
830241	6	3	259/30	0.060	1.52	1.006	25.55	635	945	99
830261	6	4	259/30	0.060	1.52	1.108	28.14	811	1207	87
830281	6	5	259/30	0.060	1.52	1.225	31.11	1006	1496	69
830222	4	2	259/28	0.060	1.52	1.070	27.18	693	1031	130
830242	4	3	259/28	0.060	1.52	1.148	29.16	883	1315	130
830262	4	4	259/28	0.060	1.52	1.265	32.13	1132	1685	114
830282	4	5	259/28	0.060	1.52	1.420	36.07	1447	2154	91
830224	2	2	259/26	0.060	1.52	1.265	32.13	977	1454	174
830244	2	3	259/26	0.060	1.52	1.345	34.16	1231	1832	174
830264	2	4	259/26	0.060	1.52	1.500	38.10	1636	2434	152
830284	2	5	259/26	0.060	1.52	1.620	41.15	1977	2942	121
830225	1	2	259/25	0.080	2.03	1.420	36.07	1206	1795	202
830245	1	3	259/25	0.080	2.03	1.500	38.10	1566	2330	202
830265	1	4	259/25	0.080	2.03	1.660	42.16	2041	3037	177
830285	1	5	259/25	0.080	2.03	1.895	48.13	2594	3861	141

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Ampacity based on NEC Table 400.5(B)
See page 47 for Ordering and Color Code information.



Royal® Type W - Multi Conductors

-40°C to 90°C, 2000V, UL/CSA

- CONDUCTORS:**
- 1/0 AWG to 500 MCM fully annealed stranded bare copper
 - Stranding per ASTM B 174
- INSULATION:**
- Premium grade oil resistant Ethylene Propylene (EPDM)
- JACKET:**
- Premium grade, water, sunlight, and oil resistant, flame-retardant, Chlorinated Polyethylene (CPE)
- LEGEND:**
- CCI ROYAL X AWG (XXMM²) X/C TYPE W PORTABLE POWER CABLE E172226 (UL) 2000V 90C DRY 90C WET SUN RES -- C(UL) TYPE W -40C FT-5 MSHA
- FEATURES:**
- Superior abrasion, ozone, sunlight, chemical and oil resistance, and water provides excellent cable life in the harshest environments
 - -40°C to 90°C Dry / 90°C Wet/Submersible Rated
 - Meets or exceeds all MSHA and UL flame specifications
- APPLICATIONS:**
- Oil drilling platforms, shipyards, and marinas
 - Portable power generation equipment
 - Mining and mineral processing facilities
- OPTIONS:**
- Tinned copper, shielding and other color codes available upon request

- INDUSTRY APPROVALS:**
- UL
 - NEC Article 400
 - MSHA
 - c(UL)
 - RoHS



PORTABLE CORD

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*
				in.	mm.	in.	mm.	lbs./mft	kg/km	
830226	1/0	2	266/24	0.080	2.03	1.500	38.10	1402	2086	234
830246	1/0	3	266/24	0.080	2.03	1.620	41.15	1894	2818	234
830256	1/0	4	266/24	0.080	2.03	1.775	45.09	2443	3635	205
830286	1/0	5	266/24	0.080	2.03	1.935	49.15	2910	4331	164
830227	2/0	2	342/24	0.080	2.03	1.620	41.15	1681	2502	271
830247	2/0	3	342/24	0.080	2.03	1.735	44.07	2301	3424	271
830257	2/0	4	342/24	0.080	2.03	1.935	49.15	2870	4270	237
830287	2/0	5	342/24	0.080	2.03	2.050	52.07	3418	5087	189
830228	3/0	2	418/24	0.080	2.03	1.735	44.07	1930	2873	313
830248	3/0	3	418/24	0.080	2.03	1.895	48.13	2685	3996	313
830258	3/0	4	418/24	0.080	2.03	2.050	52.07	3422	5092	274
830288	3/0	5	418/24	0.080	2.03	2.250	57.15	4142	6163	219
830229	4/0	2	532/24	0.080	2.03	1.895	48.13	2386	3551	361
830249	4/0	3	532/24	0.080	2.03	2.015	51.18	3185	4740	361
830259	4/0	4	532/24	0.080	2.03	2.250	57.15	4166	6199	316
830289	4/0	5	532/24	0.080	2.03	2.445	62.10	5061	7531	252
830270	250 MCM	3	627/24	0.095	2.41	2.238	56.85	3830	5700	402
830271	250 MCM	4	627/24	0.095	2.41	2.645	67.18	5357	7972	321
830272	350 MCM	3	888/24	0.095	2.41	2.680	68.07	5700	8482	495
830273	350 MCM	4	888/24	0.095	2.41	2.960	75.18	7269	10817	396
830274	500 MCM	3	1295/24	0.095	2.41	3.035	77.09	7724	11494	613
830275	500 MCM	4	1295/24	0.095	2.41	3.390	86.11	10053	14959	490

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Ampacity based on NEC Table 400.5(B)
See page 47 for Ordering and Color Code information.



Coleman Cable Inc.

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Royal® Type W - Single Conductor

-40°C to 90°C, 2000V, RHH/RHW-2

PORTABLE CORD



- CONDUCTORS:** • 8 AWG to 500 MCM fully annealed stranded bare copper
• Stranding per ASTM B 174
- INSULATION:** • Premium grade oil resistant Ethylene Propylene (EPDM)
- JACKET:** • Premium grade, water, sunlight, and oil resistant, flame-retardant, Chlorinated Polyethylene (CPE)
- LEGEND:** • CCI ROYAL XX AWG (XXMM²) TYPE W PORTABLE POWER CABLE E# (UL) 2000V 90C DRY 90C WET SUN RES -- C(UL) TYPE W -40C FT-5 MSHA
- FEATURES:** • -40°C to 90°C Dry / 90°C Wet/Submersible Rated
• Excellent abrasion, ozone, sunlight, water, chemical and oil resistance, provides superior cable life in the harshest environments
• Meets or exceeds all MSHA and UL flame specifications
• 1/0 and larger is rated for CT use
- APPLICATIONS:** • Oil drilling platforms, shipyards, and marinas
• Portable power generation equipment
• Mining and mineral processing facilities
- OPTIONS:** • Tinned copper, shielding and other color codes available upon request
- INDUSTRY APPROVALS:** • UL • CSA
• NEC Article 400 • RoHS
• MSHA

Part Number	Gauge	Stranding	Insulation Thickness		Nominal OD		Weight		Amps*	
			in.	mm.	in.	mm.	lbs./mft	kg/km	1	2
830200	8	133/29	0.060	1.52	0.449	11.40	135	201	55	80
830201	6	259/30	0.060	1.52	0.522	13.26	190	283	75	105
830202	4	259/28	0.060	1.52	0.575	14.61	257	382	95	140
830204	2	259/26	0.060	1.52	0.665	16.89	364	541	130	190
830205	1	259/25	0.080	2.03	0.742	18.85	510	759	150	220
830206	1/0	266/24	0.080	2.03	0.788	20.02	542	807	170	260
830207	2/0	342/24	0.080	2.03	0.825	20.96	616	917	195	300
830208	3/0	418/24	0.080	2.03	0.897	22.78	775	1153	225	350
830209	4/0	532/24	0.080	2.03	0.935	23.75	942	1401	260	405
830210	250 MCM	627/24	0.095	2.41	1.008	25.60	1083	1611	290	455
830212	350 MCM	888/24	0.095	2.41	1.155	29.34	1486	2211	350	570
830214	500 MCM	1295/24	0.095	2.41	1.315	33.40	2043	3040	430	700

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

*Ampacity 1 based on NEC Table 310.16 for not more than three current carrying conductors in a raceway, based on 30°C ambient air temperature.

*Ampacity 2 based on NEC Table 310.17 for single conductor in free air assuming 30°C ambient air temperature.

See page 47 for Ordering and Color Code information.

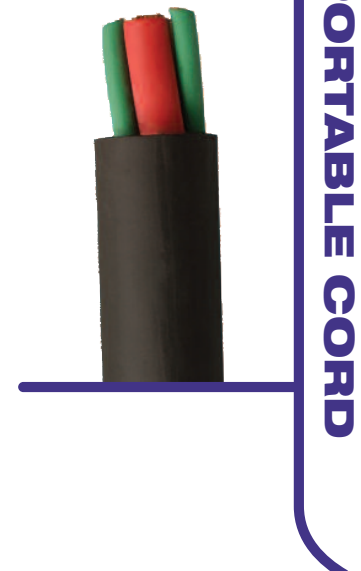


Royal® Type G

-40°C to 90°C, 2000V, Wet/Dry Rated, with Ground

- CONDUCTORS:**
- 8 AWG to 500 MCM fully annealed stranded bare copper
 - Stranding per ASTM B 174
- INSULATION:**
- Premium grade oil resistant Ethylene Propylene (EPDM)
- JACKET:**
- Premium grade, water, sunlight, and oil resistant, flame-retardant, Chlorinated Polyethylene (CPE)
- LEGEND:**
- CCI ROYAL XX AWG (XXMM²) X/C TYPE G PORTABLE POWER CABLE E172226 (UL) 2000V 90C DRY 90C WET SUN RES -- C(UL) TYPE G -40C FT-5 MSHA
- FEATURES:**
- -40°C to 90°C Dry / 90°C Wet/Submersible Rated
 - Excellent abrasion, ozone, sunlight, water, chemical and oil resistance, provides superior cable life in the harshest environments
 - Meets or exceeds all MSHA and UL flame specifications
- APPLICATIONS:**
- Oil drilling platforms, shipyards, and marinas
 - Portable power generation equipment
 - Mining and mineral processing facilities
- OPTIONS:**
- Tinned copper, shielding and other color codes available upon request

- INDUSTRY APPROVALS:**
- UL
 - NEC Article 400
 - MSHA
 - CSA
 - RoHS



Part Number	Gauge	No. Cond.	Stranding	Green Ground Gauge	Insulation Thickness		Nominal OD		Weight		Amps*
					in.	mm.	in.	mm.	lbs./mft	kg/km	
830360	8	4	133/29	4 #12	0.060	1.52	1.000	25.40	730	1103	52
830361	6	4	259/30	4 #12	0.060	1.52	1.108	28.14	924	1800	69
830362	4	4	259/28	4 #10	0.060	1.52	1.265	32.13	1302	1938	91
830364	2	4	259/26	4 #9	0.060	1.52	1.500	38.10	1869	2798	122
830365	1	4	259/24	4 #8	0.080	2.03	1.660	42.16	1660	2470	142
830366	1/0	4	266/24	4 #7	0.080	2.03	1.775	45.09	1775	2641	164
830367	2/0	4	342/24	4 #6	0.080	2.03	1.935	49.15	1935	2879	190
830368	3/0	4	418/24	4 #5	0.080	2.03	2.050	52.07	2050	3051	219
830369	4/0	4	532/24	4 #4	0.080	2.03	2.250	57.15	2250	3348	253
830370	250 MCM	4	627/24	4 #3	0.095	2.41	2.645	67.18	6073	9037	281
830371	350 MCM	4	888/24	4 #2	0.095	2.41	2.960	75.18	8212	12221	346
830372	500 MCM	4	1295/24	4 #1/0	0.095	2.41	3.390	86.11	11588	17243	428

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Ampacity based on NEC Table 400.5(B)
See page 47 for Ordering and Color Code information.



Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Royal® Type G-GC

-40°C to 90°C, 2000V, Wet/Dry Rated, with Ground/Ground Check

PORTABLE CORD



- CONDUCTORS:**
- 8 AWG to 500 MCM fully annealed stranded bare copper
 - Stranding per ASTM B 174
- INSULATION:**
- Premium grade oil resistant Ethylene Propylene (EPDM)
- JACKET:**
- Premium grade, water, sunlight, and oil resistant, flame-retardant, Chlorinated Polyethylene (CPE)
- LEGEND:**
- CCI ROYAL XX AWG (XXMM²) X/C TYPE G-GC PORTABLE POWER CABLE E172226 (UL) 2000V 90C DRY 90C WET SUN RES -- C(UL) TYPE G-GC -40C FT-5 MSHA
- FEATURES:**
- -40°C to 90°C Dry / 90°C Wet/Submersible Rated
 - Excellent abrasion, ozone, sunlight, water, chemical and oil resistance, provides superior cable life in the harshest environments
 - Meets or exceeds all MSHA and UL flame specifications
- APPLICATIONS:**
- Oil drilling platforms, shipyards, and marinas
 - Portable power generation equipment
 - Mining and mineral processing facilities
- OPTIONS:**
- Tinned copper, shielding and other color codes available upon request
- INDUSTRY APPROVALS:**
- UL
 - NEC Article 400
 - MSHA
 - CSA
 - RoHS

Part Number	Gauge	No. Cond.	Stranding	Green Ground Gauge	Yellow Ground Check Gauge	Insulation Thickness		Nominal OD		Weight		Amps*
						in.	mm.	in.	mm.	lbs./mft	kg/km	
830330	8	3	133/29	2 #10	10	0.060	1.52	0.925	23.50	635	944	65
830331	6	3	259/30	2 #10	10	0.060	1.52	1.006	26.01	763	1164	87
830332	4	3	259/28	2 #8	10	0.060	1.52	1.145	29.16	1056	1595	114
830334	2	3	259/26	2 #7	10	0.060	1.52	1.345	33.38	1484	2177	152
830335	1	3	259/24	2 #6	8	0.080	2.03	1.500	38.10	1834	2729	177
830336	1/0	3	266/24	2 #5	8	0.080	2.03	1.620	41.15	2185	3252	205
830337	2/0	3	342/24	2 #4	8	0.080	2.03	1.735	44.07	2592	3857	237
830338	3/0	3	418/24	2 #3	8	0.080	2.03	1.895	48.13	3109	4626	274
830339	4/0	3	532/24	2 #2	8	0.080	2.03	2.015	51.18	3692	5494	316
830340	250 MCM	3	627/24	2 #2	8	0.095	2.41	2.238	56.85	4304	6405	352
830341	350 MCM	3	888/24	2 #1/0	8	0.095	2.41	2.680	68.07	6435	9575	433
830342	500 MCM	3	1295/24	2 #2/0	8	0.095	2.41	3.035	77.09	8623	12832	526

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

*Ampacity based on NEC Table 400.5(B)
See page 47 for Ordering and Color Code information.



Royal® Stage / Lighting Cable

-50°C to 105°C 600V, UL Type SC & CSA Type PPC

- CONDUCTORS:**
- 8 AWG – 4/0 AWG fully annealed stranded bare copper
 - Class K stranding per ASTM B 174

- INSULATION:**
- EPDM/CPE

- LEGEND:**
- CCI ROYAL XX AWG (XXMM²) TYPE SC E# (UL) 600V -50C TO 105C DRY 60C WET OIL RES 60C -- 156016 CSA TYPE PPC 600V -50C TO 105C FT-5 SUN RES

- FEATURES:**
- Meets/exceeds flame test requirements of UL, CSA, and MSHA
 - Sunlight, water, ozone and abrasion, acids, alkalis, heat, flame, and chemical resistant
 - High strand count bare copper conductor provides superior flexibility

- APPLICATIONS:**
- Temporary power supply cable used in the entertainment industry such as television, sound stages, concert venues, and outdoor areas
 - Portable lighting systems used on movie production sets, theaters, and stages
 - Entertainment Industry Stage Lighting Cable (EISL)

- OPTIONS:**
- Tinned copper; colors available upon request

- INDUSTRY APPROVALS:**
- UL Subject 1680
 - CSA C22.2 No. 96
 - NEC Article 520, 525 & 530
 - CEC Part I, Table 11
 - RoHS



PORTABLE CORD

Part Number	Gauge	Stranding	Nominal OD		Weight		Amps*
			in.	mm.	lbs./mft	kg/km	
16101	8	168/30	0.401	10.19	119	177	80
16102	6	266/30	0.423	10.74	154	229	105
16103	4	420/30	0.492	12.50	223	332	140
16104	2	665/30	0.538	13.67	306	455	190
16105	1	833/30	0.598	15.19	380	566	220
16106	1/0	1064/30	0.620	15.75	447	665	260
16107	2/0	1330/30	0.694	17.63	582	866	300
16108	3/0	1672/30	0.778	19.76	738	1098	350
16109	4/0	2109/30	0.813	20.65	887	1290	405

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

*Max amps per NEC Table 400.5(B) for 90°C
See page 47 for Ordering and Color Code information.



Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Royal® Airport Lighting Cable

-40°C to 90°C 600V & 5000V FAA-L-824, Type C

PORTABLE CORD



CONDUCTORS: • 12 AWG – 4 AWG fully annealed stranded bare copper
• Class B stranding per ASTM B 8

INSULATION: • Black Cross-Linked Polyethylene (XLPE) over semi-conductive stress control layer

LEGEND: • CCI ROYAL XX AWG FAA-L824 TYPE C (ETL) US (ETL CODE) 600V <or 5 kv> MONTH/YEAR

FEATURES: • Available in 600 or 5000 volt constructions
• Direct Burial Approved

APPLICATIONS: • Airport lighting systems
• Airport control equipment
• Other conduit, duct, aerial, and direct burial applications

OPTIONS: • Tinned copper, shielding and colors available upon request

INDUSTRY APPROVALS: • ICEA S-66-524
• FAA-L-824
• RoHS

600 Volts

Part Number	Gauge	No. Conds.	Stranding	Jacket Thickness		Nominal OD		Weight		Nom DCR Ω/1M
				in.	mm.	in.	mm.	lbs./mft	kg/km	
600 Volts - No semi-conductive stress control layer										
19112	12	1	7/.0305	0.045	1.14	0.182	4.62	30	46	1.60
19110	10	1	7/.0385	0.045	1.14	0.205	5.21	43	61	1.01
19108	8	1	7/.0486	0.060	1.52	0.266	6.76	69	101	0.65
19106	6	1	7/.0612	0.060	1.52	0.304	7.72	102	152	0.40
19104	4	1	7/.0772	0.060	1.52	0.352	8.94	158	231	0.25

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

5000 Volts

Part Number	Gauge	No. Conds.	Stranding	Jacket Thickness		Nominal OD		Weight		Nom DCR Ω/1M
				in.	mm.	in.	mm.	lbs./mft	kg/km	
5000 Volts - No semi-conductive stress control layer										
19208	8	1	7/.0486	0.110	2.79	0.366	9.30	91	135	0.65
19206	6	1	7/.0612	0.110	2.79	0.404	10.26	125	186	0.40
19204	4	1	7/.0772	0.110	2.79	0.460	11.68	184	274	0.25
5000 Volts - Semi-conductive extruded stress control layer										
19218	8	1	7/.0486	0.110	2.79	0.396	10.06	94	140	0.65
19216	6	1	7/.0612	0.110	2.79	0.428	10.87	128	190	0.40
19214	4	1	7/.0772	0.110	2.79	0.482	12.24	194	289	0.25
5000 Volts - Semi conductive stress control tape										
19008	8	1	7/.0486	0.110	2.79	0.374	9.50	93	138	0.65
19006	6	1	7/.0612	0.110	2.79	0.406	10.31	127	189	0.40
19004	4	1	7/.0772	0.110	2.79	0.460	11.68	186	277	0.25

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 47 for Ordering and Color Code information.



Seoprene® Compact 600®

-40°C to 90°C 600V, Reduced Diameter Flexing/Control Cable

PORTABLE CORD

- CONDUCTOR:**
- 18 AWG – 12 AWG fully annealed stranded bare copper
 - Class K stranding per ASTM B 174
- INSULATION:**
- Industrial grade Polyvinyl Chloride (PVC)
 - Nylon-armored protective sheath
- JACKET:**
- Water, sunlight, and oil resistant Seoprene® Thermoplastic Elastomer (TPE)
 - Temperature range: -40°C to 90°C
- LEGEND:**
- CCI (SIZE) COMPACT 600V TFFN (OR THHN) E79496 (UL) TYPE TC 90C OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL
- FEATURES:**
- Specially engineered reduced diameter makes this cable ideal for tight or restricted areas
 - Nylon-armored conductors reduces stress and fatigue during continuous flexing
- APPLICATIONS:**
- Cranes and hoists
 - High-flexing robotic systems
 - Pendant and reels
- INDUSTRY APPROVALS:**
- UL Standard 1277
 - RoHS



CONDUCTOR DATA:

Size AWG	Strands No. / O.D. (inches)	PVC Insul. (inches)	Nylon Armor (inches)	Approx. O.D. (inches)
18	16/.0100	0.015	0.004	0.088
16	19/.0117	0.015	0.004	0.097
14	19/.0147	0.015	0.004	0.112
12	19/.0185	0.015	0.004	0.131

No. Cond.	18 AWG TFFN Conductors			16 AWG TFFN Conductors			14 AWG THHN Conductors			12 AWG THHN Conductors		
	Part No.	Nom. OD	Weight lbs./mft	Part No.	Nom. OD	Weight lbs./mft	Part No.	Nom. OD	Weight lbs./mft	Part No.	Nom. OD	Weight lbs./mft
5	60505	0.355	68	60506	0.385	107	60507	0.410	116	60508	0.482	158
6	60605	0.380	79	60606	0.419	103	60607	0.446	141	60608	0.525	198
7	60705	0.380	85	60706	0.415	125	60707	0.468	160	60708	0.546	228
8	60805	0.408	97	60806	0.444	128	60807	0.481	177	60808	0.595	261
10	61005	0.470	122	61006	0.515	161	61007	0.614	239	61008	0.690	324
12	61205	0.484	137	61206	0.565	197	61207	0.606	261	61208	0.710	380
14	61405	0.502	149	61406	0.575	220	61417	0.655	305	61408	0.734	432
16	61605	0.565	180	61606	0.606	243	61607	0.693	337	61608	0.785	487
20	62005	0.611	221	62006	0.680	297	62007	0.759	419	62008	0.895	630
24	62405	0.680	267	62406	0.715	394	62407	0.846	493	62408	1.000	733
30	63005	0.715	338	63006	0.787	428	63007	0.889	601	63008	1.038	908
37	63705	0.770	430	63706	0.891	536	63707	0.982	755	63708	1.160	1106

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

Tinned copper, shielding and other color codes available upon request.
See page 47 for Ordering and Color Code information.



Seoprene®

Coleman Cable Inc.

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Ordering Guide

PORTABLE CORD

Put-Up	Ordering Suffix
Reel / 250 feet	04
Reel / 500 feet	05
Reel / 1,000 feet	06
Reel / 1,500 feet	07
Reel / 2,500 feet	09
Reel / 5,000 feet	10

* Other packaging available. Consult factory.

Color	Ordering Suffix
White	01
Yellow	02
Orange	03
Red	04
Green	05
Blue	06
Brown	07
Black	08
Gray	09
Pink	11
Tan	12
Purple	13

* Other colors and stripe available. Consult factory.

Part Number Convention

Base Part Number					Put-UP		Color			
X	X	X	X	X	-	X	X	-	X	X

Example:

If you wish to order: 12/3 Seoprene® Portable cord in black on 1000' reel.

Your order code would be:

2	2	3	2	8	-	0	6	-	0	8
---	---	---	---	---	---	---	---	---	---	---



CCI's diverse manufacturing capabilities allow us to offer one of the most complete tray cable product lines in the industry. Coleman Cable's sales, engineering, and product development teams work closely together with our customers to provide solutions for industries as diverse as oil and gas, food processing, petrochemical, transportation, utility, renewable energy, and pulp & paper.

Coleman Cable's Royal® brand provides a full line of 300V and 600V instrumentation, and 600V tray cables. These constructions are available in Polyvinyl Chloride (PVC)/Nylon, Cross-Linked Polyethylene (XLPE), and Ethylene Propylene Rubber (EPR) insulations. We offer multiple jacketing options such as Polyvinyl Chloride (PVC), thermoplastic Chlorinated Polyethylene (CPE), thermoset Chlorinated Polyethylene (CPE), low smoke zero halogen (LSZH), and our specially engineered Seoprene® thermoplastic elastomer (TPE). Coleman Cable's instrumentation cables can be supplied with multiple pairs or triads, and several shielding options.

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Royal® 300V PVC/PVC PAIRS, POS

-30°C to 90°C PLTC Instrumentation Cable

TRAY CABLES



- CONDUCTOR:** • 18 AWG - 16 AWG Class B stranded bare copper per ASTM B-3 and B-8
- INSULATION:** • Premium grade Polyvinyl Chloride (PVC)
• Black/White; Alpha/numeric print; Alternate & Inverted
- CABLE SHIELD:** • Overall 100% coverage, aluminum/polyester foil shield
- JACKET:** • Black sunlight and moisture resistant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG X SHIELDED PAIRS PVC/PVC TYPE
PLTC/ITC E176494 (UL) 90C SUN RES FT4/IEEE 1202 ---
SEQUENTIAL MARKING
- FEATURES:** • Rated at 90°C 300V
• Sunlight resistant
• Good chemical, oil, and abrasion resistance
- APPLICATIONS:** • For process control and instrumentation
• Class 1 Division 2 hazardous areas
• Passes IEEE 383 flame test
• Installed in cable trays, raceways, conduit, aerial* and direct buried
- OPTIONS:** • Tinned copper
• Flexible stranding
• ICEA E-1 or Method 4 Color Code

- INDUSTRY APPROVALS:** • UL Standard 13 Type PLTC • UL Standard 2250 Type ITC
• NEC Article 336 • Passes FT4/IEEE 1202 Flame Test
• IEEE 383 flame test (70,000 btu)
• EPA 40 CFR, Part 261, Subpart C,
heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Pairs	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
776501	18	1	7/0.0152	0.015	0.38	0.052	1.32	0.258	6.55	38	57
776502	18	2	7/0.0152	0.015	0.38	0.052	1.32	0.385	1.3208	72	107
776504	18	4	7/0.0152	0.015	0.38	0.052	1.32	0.440	11.18	107	159
776508	18	8	7/0.0152	0.015	0.38	0.065	1.65	0.575	14.61	191	284
776512	18	12	7/0.0152	0.015	0.38	0.075	1.90	0.668	16.97	264	393
776524	18	24	7/0.0152	0.015	0.38	0.075	1.90	0.875	22.22	463	689
776536	18	36	7/0.0152	0.015	0.38	0.085	2.16	1.036	26.31	696	1036
776401	16	1	7/0.0192	0.015	0.38	0.052	1.32	0.282	7.16	49	73
776402	16	2	7/0.0192	0.015	0.38	0.052	1.32	0.407	10.34	84	125
776404	16	4	7/0.0192	0.015	0.38	0.065	1.65	0.516	13.11	154	229
776408	16	8	7/0.0192	0.015	0.38	0.075	1.90	0.662	16.81	270	402
776412	16	12	7/0.0192	0.015	0.38	0.075	1.90	0.770	1.905	372	554
776424	16	24	7/0.0192	0.015	0.38	0.085	2.16	1.033	26.24	659	981
776436	16	36	7/0.0192	0.015	0.38	0.085	2.16	1.168	29.67	969	1442

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* When supported with a messenger.
See page 94 for Ordering and Color Code information.



Royal® 300V PVC/PVC PAIRS, SPOS

-30°C to 90°C PLTC Instrumentation Cable

TRAY CABLES



- CONDUCTOR:** • 18 AWG - 16 AWG Class B stranded bare copper per ASTM B-3 and B-8
- INSULATION:** • Premium grade Polyvinyl Chloride (PVC)
• Black/White; Alpha/numeric print; Alternate & Inverted
- CABLE SHIELD:** • Individual and overall 100% coverage, aluminum/polyester foil shield
- JACKET:** • Black sunlight and moisture resistant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG X SHIELDED PAIRS PVC/PVC TYPE
PLTC/ITC E176494 (UL) 90C SUN RES FT4/IEEE 1202 ---
SEQUENTIAL MARKING
• 16 AWG and larger are Direct Burial
- FEATURES:** • Rated at 90°C 300V
• Sunlight resistant
• Good chemical, oil, and abrasion resistance
- APPLICATIONS:** • For process control and instrumentation
• Class 1 Division 2 hazardous areas
• Passes IEEE 383 flame test
• Installed in cable trays, raceways, conduit, aerial* and direct buried
- OPTIONS:** • Tinned copper
• Flexible Stranding
• ICEA E-1 or Method 4 Color Code

- INDUSTRY APPROVALS:** • UL Standard 13 Type PLTC • UL Standard 2250 Type ITC
• NEC Article 336 • Passes FT4/IEEE 1202 Flame Test
• IEEE 383 flame test (70,000 btu)
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Pairs	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
777502	18	2	7/0.0152	0.015	0.38	0.052	1.32	0.401	10.19	83	124
777504	18	4	7/0.0152	0.015	0.38	0.065	1.65	0.490	12.45	139	207
777508	18	8	7/0.0152	0.015	0.38	0.065	1.65	0.605	15.37	229	341
777512	18	12	7/0.0152	0.015	0.38	0.075	1.90	0.722	18.34	333	496
777524	18	24	7/0.0152	0.015	0.38	0.085	2.16	0.955	24.26	601	894
777536	18	36	7/0.0152	0.015	0.38	0.085	2.16	1.082	27.48	851	1266
777402	16	2	7/0.0192	0.015	0.38	0.052	1.32	0.443	11.25	106	158
777404	16	4	7/0.0192	0.015	0.38	0.065	1.65	0.539	13.69	182	271
777408	16	8	7/0.0192	0.015	0.38	0.075	1.90	0.690	17.53	323	481
777412	16	12	7/0.0192	0.015	0.38	0.075	1.90	0.799	20.29	450	670
777424	16	24	7/0.0192	0.015	0.38	0.085	2.16	1.069	27.15	833	1240
777436	16	36	7/0.0192	0.015	0.38	0.085	2.16	1.194	30.33	1167	1737

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* When supported with a messenger.
See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

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Royal® 300V PVC/PVC TRIADS, TOS

-30°C to 90°C PLTC Instrumentation Cable

TRAY CABLES



- CONDUCTORS:** • 20 AWG - 18 AWG Class B stranded bare copper per ASTM B-3 and B-8
- INSULATION:** • Premium grade Polyvinyl Chloride (PVC)
• Black/White/Red; Alpha/numeric print: Alternate & Inverted
- CABLE SHIELD:** • Overall 100% coverage, aluminum/polyester foil shield
- JACKET:** • Black sunlight and moisture resistant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG XX SHIELDED TRIADS PVC/PVC TYPE PLTC/ITC E176494 (UL) 90C SUN RES FT4/IEEE 1202 --- SEQUENTIAL MARKING
- FEATURES:** • Rated at 90°C 300V
• Sunlight resistant
• Good chemical, oil, and abrasion resistance
- APPLICATIONS:** • For process control and instrumentation
• Class 1 Division 2 hazardous location per NEC Article 501 (PLTC)
• Passes IEEE 383 flame test
• Installed in cable trays, raceways, conduit, aerial* and direct buried
- OPTIONS:** • Tinned copper
• Flexible stranding
• ICEA E-1 or Method 4 Color Code
- INDUSTRY APPROVALS:** • UL Standard 13 Type PLTC • UL Standard 2250 Type ITC
• NEC Article 336 • Passes FT4/IEEE 1202 Flame Test
• IEEE 383 flame test (70,000 btu)
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Triads	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
779601	20	1	7/0.0121	0.015	0.38	0.052	1.32	0.250	6.35	31	46
778602	20	2	7/0.0121	0.015	0.38	0.052	1.32	0.340	8.64	51	76
778604	20	4	7/0.0121	0.015	0.38	0.065	1.65	0.498	12.65	126	188
778608	20	8	7/0.0121	0.015	0.38	0.075	1.90	0.670	17.02	232	345
778612	20	12	7/0.0121	0.015	0.38	0.075	1.90	0.774	19.66	279	415
778616	20	16	7/0.0121	0.015	0.38	0.075	1.90	0.856	21.74	376	560
778624	20	24	7/0.0121	0.015	0.38	0.085	2.16	1.072	27.23	558	830
778636	20	36	7/0.0121	0.015	0.38	0.085	2.16	1.146	29.11	688	1024
779501	18	1	7/0.0152	0.015	0.38	0.052	1.32	0.270	6.86	46	68
779502	18	2	7/0.0152	0.015	0.38	0.065	1.65	0.496	12.60	103	153
779504	18	4	7/0.0152	0.015	0.38	0.065	1.65	0.547	13.89	159	237
779508	18	8	7/0.0152	0.015	0.38	0.075	1.90	0.716	18.19	281	418
779512	18	12	7/0.0152	0.015	0.38	0.075	1.90	0.861	21.87	396	589
779516	18	16	7/0.0152	0.015	0.38	0.085	2.16	0.974	24.74	517	769
779524	18	24	7/0.0152	0.015	0.38	0.085	2.16	1.192	30.28	732	1089
779536	18	36	7/0.0152	0.015	0.38	0.097	2.46	1.384	35.15	1057	1573

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* When supported with a messenger.
See page 94 for Ordering and Color Code information.



Royal® 300V PVC/PVC TRIADS, TOS

-30°C to 90°C PLTC Instrumentation Cable

TRAY CABLES



- CONDUCTORS:** • 16 AWG Class B stranded bare copper per ASTM B-3 and B-8
- INSULATION:** • Premium grade Polyvinyl Chloride (PVC)
• Black/White/Red; Alpha/numeric print; Alternate & Inverted
- CABLE SHIELD:** • Overall 100% coverage, aluminum/polyester foil shield
- JACKET:** • Black sunlight and moisture resistant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG XX SHIELDED TRIADS PVC/PVC TYPE
PLTC/ITC E176494 (UL) 90C SUN RES FT4/IEEE 1202 ---
SEQUENTIAL MARKING
- FEATURES:** • Rated at 90°C 300V
• Sunlight resistant
• Good chemical, oil, and abrasion resistance
- APPLICATIONS:** • For process control and instrumentation
• Class 1 Division 2 hazardous location per NEC Article 501 (PLTC)
• Passes IEEE 383 flame test
• Installed in cable trays, raceways, conduit, aerial* and direct buried
- OPTIONS:** • Tinned copper
• Flexible stranding
• ICEA E-1 or Method 4 Color Code
- INDUSTRY APPROVALS:** • UL Standard 13 Type PLTC • UL Standard 2250 Type ITC
• NEC Article 336 • Passes FT4/IEEE 1202 Flame Test
• IEEE 383 flame test (70,000 btu)
• EPA 40 CFR, Part 261, Subpart C,
heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Triads	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
779401	16	1	7/0.0192	0.015	0.38	0.052	1.32	0.306	7.77	64	95
772002	16	2	7/0.0192	0.015	0.38	0.065	1.65	0.528	13.41	136	202
772004	16	4	7/0.0192	0.015	0.38	0.065	1.65	0.609	15.47	211	314
772008	16	8	7/0.0192	0.015	0.38	0.075	1.90	0.782	19.86	461	686
772012	16	12	7/0.0192	0.015	0.38	0.085	2.16	0.988	25.10	557	829
772016	16	16	7/0.0192	0.015	0.38	0.085	2.16	1.088	27.64	699	1040
772024	16	24	7/0.0192	0.015	0.38	0.097	2.46	1.372	34.85	1042	1551
772036	16	36	7/0.0192	0.015	0.38	0.097	2.46	1.566	39.78	1469	2186

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* When supported with a messenger.
See page 94 for Ordering and Color Code information.



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Royal® 300V PVC/PVC TRIADS, STOS

-30°C to 90°C PLTC Instrumentation Cable

TRAY CABLES



- CONDUCTORS:** • 20 AWG - 18 AWG Class B stranded bare copper per ASTM B-3 and B-8
- INSULATION:** • Premium grade Polyvinyl Chloride (PVC)
• Black/White/Red; Alpha/numeric print; Alternate & Inverted
- CABLE SHIELD:** • Individual and overall 100% coverage, aluminum/polyester foil shield
- JACKET:** • Black sunlight and moisture resistant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG XX SHIELDED TRIADS PVC/PVC TYPE PLTC/ITC E176494 (UL) 90C SUN RES FT4/IEEE 1202 --- SEQUENTIAL MARKING
- FEATURES:** • Rated at 90°C 300V
• Sunlight resistant
• Good chemical, oil, and abrasion resistance
- APPLICATIONS:** • For process control and instrumentation
• Class 1 Division 2 hazardous location per NEC Article 501 (PLTC)
• Passes IEEE 383 flame test
• Installed in cable trays, raceways, conduit, aerial* and direct buried
- OPTIONS:** • Tinned copper
• Flexible stranding
• ICEA E-1 or Method 4 Color Code
- INDUSTRY APPROVALS:** • UL Standard 13 Type PLTC • UL Standard 2250 Type ITC
• NEC Article 336 • Passes FT4/IEEE 1202 Flame Test
• IEEE 383 flame test (70,000 btu)
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Triads	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
779602	20	2	7/0.0121	0.015	0.38	0.052	1.32	0.440	11.18	91	135
779604	20	4	7/0.0121	0.015	0.38	0.065	1.65	0.510	12.95	138	205
779608	20	8	7/0.0121	0.015	0.38	0.075	1.90	0.683	17.35	255	379
779612	20	12	7/0.0121	0.015	0.38	0.075	1.90	0.791	20.09	334	497
779616	20	16	7/0.0121	0.015	0.38	0.075	1.90	0.874	22.20	421	627
779624	20	24	7/0.0121	0.015	0.38	0.085	2.16	1.098	27.89	626	932
772402	18	2	7/0.0152	0.015	0.38	0.065	1.65	0.484	12.29	115	171
772404	18	4	7/0.0152	0.015	0.38	0.065	1.65	0.562	14.27	178	265
772408	18	8	7/0.0152	0.015	0.38	0.075	1.90	0.735	18.67	317	472
772412	18	12	7/0.0152	0.015	0.38	0.075	1.90	0.884	22.45	449	668
772416	18	16	7/0.0152	0.015	0.38	0.085	2.16	0.992	25.20	586	872
772424	18	24	7/0.0152	0.015	0.38	0.085	2.16	1.218	30.94	836	1244

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* When supported with a messenger.
See page 94 for Ordering and Color Code information.



Royal® 300V PVC/PVC TRIADS, STOS

-30°C to 90°C PLTC Instrumentation Cable

TRAY CABLES



- CONDUCTORS:** • 16 AWG Class B stranded bare copper per ASTM B-3 and B-8
- INSULATION:** • Premium grade Polyvinyl Chloride (PVC)
• Black/White/Red; Alpha/numeric print; Alternate & Inverted
- CABLE SHIELD:** • Individual and overall 100% coverage, aluminum/polyester foil shield
- JACKET:** • Black sunlight and moisture resistant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG XX SHIELDED TRIADS PVC/PVC TYPE
PLTC/ITC E176494 (UL) 90C SUN RES FT4/IEEE 1202 ---
SEQUENTIAL MARKING
- FEATURES:** • Rated at 90°C 300V
• Sunlight resistant
• Good chemical, oil, and abrasion resistance
- APPLICATIONS:** • For process control and instrumentation
• Class 1 Division 2 hazardous location per NEC Article 501 (PLTC)
• Passes IEEE 383 flame test
• Installed in cable trays, raceways, conduit, aerial* and direct buried
- OPTIONS:** • Tinned copper
• Flexible stranding
• ICEA E-1 or Method 4 Color Code
- INDUSTRY APPROVALS:** • UL Standard 13 Type PLTC • UL Standard 2250 Type ITC
• NEC Article 336 • Passes FT4/IEEE 1202 Flame Test
• IEEE 383 flame test (70,000 btu)
• EPA 40 CFR, Part 261, Subpart C,
heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Triads	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
779402	16	2	7/0.0192	0.015	0.38	0.065	1.65	0.534	13.56	148	220
779404	16	4	7/0.0192	0.015	0.38	0.075	1.90	0.645	16.38	249	371
779408	16	8	7/0.0192	0.015	0.38	0.075	1.90	0.801	20.35	414	616
779412	16	12	7/0.0192	0.015	0.38	0.085	2.16	1.012	25.70	634	943
779416	16	16	7/0.0192	0.015	0.38	0.085	2.16	1.109	28.17	798	1188
779424	16	24	7/0.0192	0.015	0.38	0.097	2.46	1.398	35.51	1196	1780

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* When supported with a messenger.
See page 94 for Ordering and Color Code information.



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Royal® 600V TFFN/PVC Pairs, POS Type TC-ER

-30°C to 90°C Instrumentation Cable

TRAY CABLES



- CONDUCTORS:** • 18 AWG - 16 AWG Class B stranded bare copper per ASTM B-3 and B-8
- INSULATION:** • Premium grade Polyvinyl Chloride (PVC) plus nylon
• Black/White; Alpha/numeric print; Alternate & Inverted
- CABLE SHIELD:** • Overall 100% coverage, aluminum/polyester foil shield
- JACKET:** • Black sunlight and moisture resistant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG XX SHIELDED PAIRS TYPE
PVCN/PVC TYPE TC-ER TFFN E79496 (UL) 600V 90C DRY
OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL ---
SEQUENTIAL MARKING
• 16 AWG and larger are Direct Burial
- FEATURES:** • Sunlight and weather resistant
• Excellent abrasion and chemical resistance
- APPLICATIONS:** • For process control and instrumentation
• Class 1 Division 2 hazardous location per NEC Article 501 (TC)
• Passes IEEE 383 flame test
• NEC Article 336 applications
• Installed in cable trays, raceways, conduit, aerial* and direct buried
- OPTIONS:** • Tinned copper • Flexible stranding
• ICEA E-1 or Method 4 Color Code
- INDUSTRY APPROVALS:** • UL Standard 1277 Type TC-ER • UL Standard 66 Type TFFN
• NEC Article 336
• Passes IEEE 383 Flame Test (70,000 btu)
• EPA 40 CFR, Part 261, Subpart C,
heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Pairs	Stranding	Insulation Thickness		Nylon Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
775501**	18	1	7/0.0152	0.015	0.38	0.004	0.10	0.045	1.14	0.274	6.96	41	61
775502	18	2	7/0.0152	0.015	0.38	0.004	0.10	0.045	1.14	0.406	10.31	80	119
775504	18	4	7/0.0152	0.015	0.38	0.004	0.10	0.045	1.14	0.468	11.89	107	159
775508	18	8	7/0.0152	0.015	0.38	0.004	0.10	0.060	1.52	0.621	15.77	198	295
775512	18	12	7/0.0152	0.015	0.38	0.004	0.10	0.060	1.52	0.726	18.44	277	412
775524	18	24	7/0.0152	0.015	0.38	0.004	0.10	0.080	2.03	1.004	25.50	536	798
775536	18	36	7/0.0152	0.015	0.38	0.004	0.10	0.080	2.03	1.136	28.85	750	1116
775401**	16	1	7/0.0192	0.015	0.38	0.004	0.10	0.045	1.14	0.298	7.57	50	74
775402	16	2	7/0.0192	0.015	0.38	0.004	0.10	0.045	1.14	0.448	11.38	89	132
775404	16	4	7/0.0192	0.015	0.38	0.004	0.10	0.060	1.52	0.548	13.92	157	234
775408	16	8	7/0.0192	0.015	0.38	0.004	0.10	0.060	1.52	0.688	17.48	266	396
775412	16	12	7/0.0192	0.015	0.38	0.004	0.10	0.080	2.03	0.852	21.64	409	609
775416	16	16	7/0.0192	0.015	0.38	0.004	0.10	0.080	2.03	0.952	24.18	518	771
775424	16	24	7/0.0192	0.015	0.38	0.004	0.10	0.080	2.03	1.118	28.40	728	1083
775436	16	36	7/0.0192	0.015	0.38	0.004	0.10	0.080	2.03	1.268	32.21	1029	1531

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* When supported with a messenger.

** 1 Pair is net ER

See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Royal® 600V TFFN/PVC Pairs, SPOS Type TC-ER

-30°C to 90°C Instrumentation Cable

TRAY CABLES



- CONDUCTORS:** • 18 AWG - 16 AWG Class B stranded bare copper per ASTM B-3 and B-8
- INSULATION:** • Premium grade Polyvinyl Chloride (PVC) plus nylon
• Black/White; Alpha/numeric print; Alternate & Inverted
- CABLE SHIELD:** • Individual and overall 100% coverage, aluminum/polyester foil shield
- JACKET:** • Black sunlight and moisture resistant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG XX SHIELDED PAIRS TYPE
PVCN/PVC TYPE TC-ER TFFN E79496 (UL) 600V 90C DRY
OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL ---
SEQUENTIAL MARKING
• 16 AWG and larger are Direct Burial
- FEATURES:** • Sunlight and weather resistant
• Excellent abrasion and chemical resistance
- APPLICATIONS:** • For process control and instrumentation
• Class 1 Division 2 hazardous location per NEC Article 501 (TC)
• Passes IEEE 383 flame test
• NEC Article 336 applications
• Installed in cable trays, raceways, conduit, aerial* and direct buried
- OPTIONS:** • Tinned copper • Shielding
• Composite Constructions • ICEA E-1 or Method 4 Color Code
- INDUSTRY APPROVALS:** • UL Standard 1277 Type TC-ER • UL Standard 66 Type TFFN
• NEC Article 336
• Passes IEEE 383 Flame Test (70,000 btu)
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Pairs	Stranding	Insulation Thickness		Nylon Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
778502	18	2	7/0.0152	0.015	0.38	0.004	0.10	0.045	1.14	0.424	10.77	80	119
778504	18	4	7/0.0152	0.015	0.38	0.004	0.10	0.045	1.14	0.488	12.40	126	188
778508	18	8	7/0.0152	0.015	0.38	0.004	0.10	0.060	1.52	0.645	16.38	238	354
778512	18	12	7/0.0152	0.015	0.38	0.004	0.10	0.060	1.52	0.758	19.25	332	494
778524	18	24	7/0.0152	0.015	0.38	0.004	0.10	0.080	2.03	1.038	26.37	638	949
778536	18	36	7/0.0152	0.015	0.38	0.004	0.10	0.080	2.03	1.176	29.87	902	1342
778402	16	2	7/0.0192	0.015	0.38	0.004	0.10	0.045	1.14	0.466	11.84	115	171
778404	16	4	7/0.0192	0.015	0.38	0.004	0.10	0.060	1.52	0.569	14.45	196	292
778408	16	8	7/0.0192	0.015	0.38	0.004	0.10	0.060	1.52	0.714	18.14	331	493
778412	16	12	7/0.0192	0.015	0.38	0.004	0.10	0.080	2.03	0.891	22.63	507	754
778424	16	24	7/0.0192	0.015	0.38	0.004	0.10	0.080	2.03	1.166	29.62	901	1341
778432	16	36	7/0.0192	0.015	0.38	0.004	0.10	0.080	2.03	1.324	33.63	1278	1902

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* When supported with a messenger.
See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Royal® 600V TFFN/THHN/THWN/PVC Triads, TOS Type TC-ER

-30°C to 90°C Instrumentation Cable

TRAY CABLES



- CONDUCTORS:** • 18 AWG - 14 AWG Class B stranded bare copper per ASTM B-3 and B-8
- INSULATION:** • Premium grade Polyvinyl Chloride (PVC) plus nylon
• Black/White/Red; Alpha/numeric print; Alternate & Inverted
- CABLE SHIELD:** • Overall 100% coverage, aluminum/polyester foil shield
- JACKET:** • Black sunlight and moisture resistant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG XX SHIELDED TRIADS PVCN/PVC TYPE TC-ER TFFN E79496 (UL) 600V 90C DRY OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL --- SEQUENTIAL MARKING
• CCI ROYAL XX AWG XX SHIELDED TRIADS PVCN/PVC TYPE TC-ER THHN/THWN E79496 (UL) 600V 90C DRY/75C WET OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL --- SEQUENTIAL MARKING
• 16 AWG and larger are Direct Burial
- FEATURES:** • Sunlight and weather resistant
• Excellent abrasion and chemical resistance
- APPLICATIONS:** • For process control and instrumentation
• Class 1 Division 2 hazardous location per NEC Article 501 (TC)
• Passes IEEE 383 flame test
• NEC Article 336 applications
• Installed in cable trays, raceways, conduit, aerial* and direct buried
- OPTIONS:** • Tinned copper
• Flexible stranding
• ICEA E-1 or Method 4 Color Code
- INDUSTRY APPROVALS:** • UL Standard 1277 Type TC-ER
• UL Standard 66 Type TFFN (16 AWG & 18 AWG)
• UL Standard 83 Type THHN/THWN (14 AWG)
• NEC Article 336
• Passes IEEE 383 Flame Test (70,000 btu)
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Triads	Stranding	Insulation Thickness		Nylon Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
771811	18	1	7/0.0152	0.015	0.38	0.004	0.10	0.045	1.14	0.278	7.06	46	68
771611	16	1	7/0.0192	0.015	0.38	0.004	0.10	0.045	1.14	0.304	7.72	58	86
771411	14	1	7/0.0242	0.015	0.38	0.004	0.10	0.045	1.14	0.344	8.74	87	129

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* When supported with a messenger.
See page 94 for Ordering and Color Code information.



Royal® 600V TFFN/PVC Triads, STOS Type TC-ER

-30°C to 90°C Instrumentation Cable

TRAY CABLES



- CONDUCTORS:** • 18 AWG - 16 AWG Class B stranded bare copper per ASTM B-3 and B-8
- INSULATION:** • Premium grade Polyvinyl Chloride (PVC) plus nylon
• Black/White/Red; Alpha/numeric print; Alternate & Inverted
- CABLE SHIELD:** • Individual and overall 100% coverage, aluminum polyester foil shield
- JACKET:** • Black sunlight and moisture resistant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG XX SHIELDED TRIADS PVCN/PVC TYPE TC-ER TFFN E79496 (UL) 600V 90C DRY OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL --- SEQUENTIAL MARKING
• 16 AWG and larger are Direct Burial
- FEATURES:** • Sunlight and weather resistant
• Excellent abrasion and chemical resistance
- APPLICATIONS:** • For process control and instrumentation
• Class 1 Division 2 hazardous location per NEC Article 501 (TC)
• Passes IEEE 383 flame test
• NEC Article 336 applications
• Installed in cable trays, raceways, conduit, aerial* and direct buried
- OPTIONS:** • Tinned copper
• Flexible stranding
• ICEA E-1 or Method 4 Color Code

- INDUSTRY APPROVALS:** • UL Standard 1277 Type TC-ER • UL Standard 66 Type TFFN
• NEC Article 336
• Passes IEEE 383 Flame Test (70,000 btu)
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Triads	Stranding	Insulation Thickness		Nylon Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
771872	18	2	7/0.0152	0.015	0.38	0.004	0.10	0.045	1.14	0.492	12.50	104	155
771874	18	4	7/0.0152	0.015	0.38	0.004	0.10	0.060	1.52	0.603	15.32	187	278
771878	18	8	7/0.0152	0.015	0.38	0.004	0.10	0.060	1.52	0.736	18.69	290	432
771882	18	12	7/0.0152	0.015	0.38	0.004	0.10	0.080	2.03	0.983	24.97	498	741
771886	18	16	7/0.0152	0.015	0.38	0.004	0.10	0.095	2.41	1.112	28.24	653	972
771894	18	24	7/0.0152	0.015	0.38	0.004	0.10	0.100	2.54	1.384	35.15	949	1412
771896	18	36	7/0.0152	0.015	0.38	0.004	0.10	0.100	2.54	1.578	40.08	1334	1985
771672	16	2	7/0.0192	0.015	0.38	0.004	0.10	0.060	1.52	0.570	14.48	148	220
771674	16	4	7/0.0192	0.015	0.38	0.004	0.10	0.060	1.52	0.666	16.92	255	379
771678	16	8	7/0.0192	0.015	0.38	0.004	0.10	0.080	2.03	0.906	23.01	481	716
771682	16	12	7/0.0192	0.015	0.38	0.004	0.10	0.095	2.41	1.103	28.02	690	1027
771686	16	16	7/0.0192	0.015	0.38	0.004	0.10	0.095	2.41	1.234	31.34	875	1302
771694	16	24	7/0.0192	0.015	0.38	0.004	0.10	0.100	2.54	1.540	2.54	1290	1920
771696	16	36	7/0.0192	0.015	0.38	0.004	0.10	0.100	2.54	1.758	44.65	1820	2708

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* When supported with a messenger.
See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

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Royal® 600V XLPE/PVC Pairs, POS Type TC-ER

-30°C to 90°C Instrumentation Cable

TRAY CABLES



- CONDUCTORS:** • 18 AWG - 16 AWG Class B stranded bare copper per ASTM B-33 and B-8
- INSULATION:** • Flame-retardant Cross-linked Polyethylene (XLPE)
• Black/White; Alpha/numeric print; Alternate & Inverted
- CABLE SHIELD:** • Overall 100% coverage, aluminum/polyester foil shield
- JACKET:** • Black sunlight and moisture resistant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG XX SHIELDED PAIRS XLPE/PVC TYPE TC-ER E79496 (UL) 600V 90C DRY/90C WET SUNLIGHT RESISTANT OIL RES I DIRECT BURIAL --- SEQUENTIAL MARKING
• 16 AWG and larger are Direct Burial
- FEATURES:** • Rated 90°C wet or dry
• Sunlight and weather resistant
• Superior low temperature cold bend characteristics
• Excellent abrasion and chemical resistance
• Flame resistant jacket burns to ash and limited thermoplastic drip
- APPLICATIONS:** • Approved for Class 1 Division 2 hazardous location per NEC Article 501 (TC)
• Designed for use in conduit, cable tray, or direct burial
• Developed for use in industrial and utility applications where reliability and performance are paramount
• NEC Article 336 applications
- OPTIONS:** • Tinned copper • Flexible stranding
• FT4/IEEE 1202 • ICEA E-1 or Method 4 Color Code
- INDUSTRY APPROVALS:** • UL Standard 1277 Type TC-ER • NEC Article 336
• Passes UL 1685 Flame Test • IEEE 383 flame test (70,000 btu)
• ICEA S-73-532 • ICEA S-95-658 (WC70)
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Pairs	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
786501*	18	1	7/0.0152	0.030	0.76	0.045	1.14	0.310	7.87	69	103
786502	18	2	7/0.0152	0.030	0.76	0.045	1.14	0.483	12.27	84	125
786504	18	4	7/0.0152	0.030	0.76	0.060	1.52	0.590	14.99	148	220
786508	18	8	7/0.0152	0.030	0.76	0.060	1.52	0.744	18.90	246	366
786512	18	12	7/0.0152	0.030	0.76	0.080	2.03	0.916	23.27	376	560
786524	18	24	7/0.0152	0.030	0.76	0.080	2.03	1.239	31.47	691	1028
786536	18	36	7/0.0152	0.030	0.76	0.080	2.03	1.424	36.17	984	1464
786401*	16	1	7/0.0192	0.030	0.76	0.045	1.14	0.332	8.43	58	86
786402	16	2	7/0.0192	0.030	0.76	0.060	1.52	0.559	14.20	121	180
786404	16	4	7/0.0192	0.030	0.76	0.060	1.52	0.645	16.38	187	278
786408	16	8	7/0.0192	0.030	0.76	0.080	2.03	0.857	21.77	350	521
786412	16	12	7/0.0192	0.030	0.76	0.080	2.03	1.004	25.50	484	720
786416	16	16	7/0.0192	0.030	0.76	0.080	2.03	1.153	29.29	641	954
786424	16	24	7/0.0192	0.030	0.76	0.080	2.03	1.403	35.64	952	1417
786436	16	36	7/0.0192	0.030	0.76	0.080	2.03	1.587	40.31	1321	1966

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* 1 Pair is not -ER
See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

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Royal® 600V XLPE/PVC Pairs, SPOS Type TC-ER

-30°C to 90°C Instrumentation Cable

TRAY CABLES



- CONDUCTORS:** • 18 AWG - 16 AWG Class B stranded bare copper per ASTM B-33 and B-8
- INSULATION:** • Flame-retardant Cross-linked Polyethylene (XLPE)
• Black/White; Alpha/numeric print; Alternate & Inverted
- CABLE SHIELD:** • Individual and overall 100% coverage, aluminum/polyester foil shield
- JACKET:** • Black sunlight and moisture resistant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG XX SHIELDED PAIRS XLPE/PVC TYPE TC-ER E79496 (UL) 600V 90C DRY/90C WET SUNLIGHT RESISTANT OIL RES I DIRECT BURIAL --- SEQUENTIAL MARKING
• 16 AWG and larger are Direct Burial
- FEATURES:** • Rated 90°C wet or dry
• Sunlight and weather resistant
• Superior low temperature cold bend characteristics
• Excellent abrasion and chemical resistance
• Flame resistant jacket burns to ash and limited thermoplastic drip
- APPLICATIONS:** • Approved for Class 1 Division 2 hazardous location per NEC Article 501 (TC)
• Designed for use in conduit, cable tray, or direct burial
• Developed for use in industrial and utility applications where reliability and performance are paramount
• NEC Article 336 applications

- OPTIONS:** • Tinned copper • Flexible stranding
• FT4/IEEE 1202 • ICEA E-1 or Method 4 Color Code

- INDUSTRY APPROVALS:** • UL Standard 1277 Type TC-ER • NEC Article 336
• Passes UL 1685 Flame Test • IEEE 383 flame test (70,000 btu)
• ICEA S-73-532 • ICEA S-95-658 (WC70)
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Pairs	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
787502	18	2	7/0.0152	0.030	0.76	0.045	1.14	0.487	12.37	94	140
787504	18	4	7/0.0152	0.030	0.76	0.045	1.14	0.590	14.99	166	247
787508	18	8	7/0.0152	0.030	0.76	0.060	1.52	0.744	18.90	281	418
787512	18	12	7/0.0152	0.030	0.76	0.080	2.03	0.916	23.27	428	637
787524	18	24	7/0.0152	0.030	0.76	0.080	2.03	1.239	31.47	797	1186
787536	18	36	7/0.0152	0.030	0.76	0.080	2.03	1.424	36.17	1142	1699
787402	16	2	7/0.0192	0.030	0.76	0.045	1.14	0.559	14.20	134	199
787404	16	4	7/0.0192	0.030	0.76	0.060	1.52	0.645	16.38	213	317
787408	16	8	7/0.0192	0.030	0.76	0.060	1.52	0.857	21.77	400	595
787412	16	12	7/0.0192	0.030	0.76	0.080	2.03	1.004	25.50	558	830
787424	16	24	7/0.0192	0.030	0.76	0.080	2.03	1.383	35.13	1076	1601
787436	16	36	7/0.0192	0.030	0.76	0.080	2.03	1.593	40.46	1555	2314

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 94 for Ordering and Color Code information.



ROYAL®

Coleman Cable Inc.

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Royal® 600V XLPE/PVC Triads, TOS Type TC-ER

-40°C to 90°C Instrumentation Cable

TRAY CABLES



- CONDUCTORS:** • 18 AWG - 16 AWG Class B stranded bare copper per ASTM B-33 and B-8
- INSULATION:** • Flame-retardant Cross-linked polyethylene (XLPE)
• Black/White/Red; Alpha/numeric print
- CABLE SHIELD:** • Overall 100% coverage, aluminum polyester foil shield
- JACKET:** • Black sunlight and moisture resistant, flame-retardant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG X SHIELDED TRIADS TYPE TC-ER
E# (UL) 600V 90C DRY/90C WET SUNLIGHT RESISTANT OIL RES I DIRECT BURIAL
• 16 AWG and larger are Direct Burial
- FEATURES:** • Rated 90°C wet or dry
• Sunlight and weather resistant
• Superior low temperature cold bend characteristics
• Excellent abrasion and chemical resistance
• Flame resistant jacket burns to ash and limited thermoplastic drip
- APPLICATIONS:** • Approved for Class 1 Division 2 hazardous location per NEC Article 501 (TC)
• Designed for use in conduit, cable tray, or direct burial
• Developed for use in industrial and utility applications where reliability and performance are paramount
• NEC Article 336 applications
- OPTIONS:** • Tinned copper
• Flexible stranding
• FT4/IEEE 1202
• ICEA E-1 or Method 4 Color Code
- INDUSTRY APPROVALS:** • UL 1277 Type TC • UL 1581
• UL1685 • IEEE 383 flame test (70,000 btu)
• ICEA S-73-532 • ICEA S-95-658 (WC70)
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Triads	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
781822	18	2	7/0152	0.030	0.76	0.060	1.52	0.604	15.34	138	206
781824	18	4	7/0152	0.030	0.76	0.060	1.52	0.703	17.86	228	339
781828	18	8	7/0152	0.030	0.76	0.080	2.67	1.869	47.47	388	577
781832	18	12	7/0152	0.030	0.76	0.080	2.03	1.142	29.01	596	887
781836	18	16	7/0152	0.030	0.76	0.100	2.54	1.330	33.78	807	1200
781844	18	24	7/0152	0.030	0.76	0.100	2.54	1.632	41.45	1133	1685
781866	18	36	7/0152	0.030	0.76	0.100	2.54	1.869	47.47	1586	2360
781622	16	2	7/0192	0.030	0.76	0.060	1.52	0.656	16.66	156	232
781624	16	4	7/0192	0.030	0.76	0.080	2.92	2.071	52.60	291	433
781628	16	8	7/0192	0.030	0.76	0.080	2.03	1.028	26.11	545	811
781632	16	12	7/0192	0.030	0.76	0.095	2.41	1.271	32.28	735	1094
781636	16	16	7/0192	0.030	0.76	0.100	2.54	1.452	36.88	973	1448
781644	16	24	7/0192	0.030	0.76	0.115	2.92	1.808	45.92	1516	2256
781666	16	36	7/0192	0.030	0.76	0.115	2.92	2.071	52.60	2136	3178

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

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Royal® 600V XLPE/PVC Triads, STOS Type TC-ER

-40°C to 90°C Instrumentation Cable

TRAY CABLES



- CONDUCTORS:** • 18 AWG - 14 AWG Class B stranded bare copper per ASTM B-33 and B-8
- INSULATION:** • Flame-retardant Cross-linked polyethylene (XLPE)
• Black/White/Red; Alpha/numeric print
- CABLE SHIELD:** • Individual and overall 100% coverage, aluminum polyester foil shield
- JACKET:** • Black sunlight and moisture resistant, flame-retardant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG X SHIELDED TRIADS TYPE TC-ER E# (UL) 600V 90C DRY/90C WET SUNLIGHT RESISTANT OIL RES I DIRECT BURIAL
• 16 AWG and larger are Direct Burial
- FEATURES:** • Rated 90°C wet or dry
• Sunlight and weather resistant
• Superior low temperature cold bend characteristics
• Excellent abrasion and chemical resistance
• Flame resistant jacket burns to ash and limited thermoplastic drip
- APPLICATIONS:** • Approved for Class 1 Division 2 hazardous location per NEC Article 501 (TC)
• Designed for use in conduit, cable tray, or direct burial
• Developed for use in industrial and utility applications where reliability and performance are paramount
• NEC Article 336 applications
- OPTIONS:** • Tinned copper
• Flexible stranding
• FT4/IEEE 1202
• ICEA E-1 or Method 4 Color Code
- INDUSTRY APPROVALS:** • UL 1277 • UL 1581
• UL1685 • IEEE 383 flame test (70,000 btu)
• ICEA S-73-532 • ICEA S-95-658 (WC70)
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Triads	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
781811	18	1	7/.0152	0.030	0.76	0.045	1.14	0.331	8.41	59	75
781611	16	1	7/.0192	0.030	0.76	0.045	1.14	0.357	9.07	75	94
781411	14	1	7/.0242	0.030	0.76	0.045	1.14	0.387	9.83	98	146

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

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Royal® 600V EPR/CPE PAIRS, POS Type TC-ER

-30°C to 90°C Instrumentation Cable

TRAY CABLES



- CONDUCTORS:** • 18 AWG - 14 AWG Class B stranded tinned copper per ASTM B-33 and B-8
- INSULATION:** • Flame-retardant Ethylene Propylene Rubber (EPR)
• Black/White; Alpha/numeric print; Alternate & Inverted
- CABLE SHIELD:** • Overall 100% coverage, aluminum/polyester foil shield
- JACKET:** • Black sunlight and moisture resistant, flame-retardant Thermoplastic Chlorinated Polyethylene (CPE)
- LEGEND:** • CCI ROYAL XX AWG XX SHIELED PAIRS EPR/CPE TYPE TC-ER E79496 (UL) 600V 90C DRY/90C WET OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL FT4/IEEE 1202 --- SEQUENTIAL MARKING
• 16 AWG and larger are Direct Burial
- FEATURES:** • Rated 90°C wet or dry
• Sunlight and weather resistant
• Superior low temperature cold bend characteristics
• Excellent abrasion and chemical resistance
• Flame resistant jacket burns to ash and limited thermoplastic drip
- APPLICATIONS:** • Approved for Class 1 Division 2 hazardous location per NEC Article 501 (TC)
• Designed for use in conduit, cable tray, or direct burial
• Developed for use in industrial and utility applications where reliability and performance are paramount
• NEC Article 336 applications
- OPTIONS:** • Bare copper
• FT4/IEEE 1202
• Thermoset CPE Jacket
• ICEA E-1 or Method 4 Color Code
- INDUSTRY APPROVALS:** • UL Standard 1277 Type TC-ER
• Passes UL1685 Flame Test
• Passes FT4/IEEE 1202 Flame Test
• ICEA S-95-658 (WC70)
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method
• NEC Article 336
• IEEE 383 flame test (70,000 btu)
• ICEA S-73-532

Part Number	Gauge	No. Pairs	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
791831*	18	1	7/0.0152	0.030	0.76	0.045	1.14	0.310	7.87	68	101
791832	18	2	7/0.0152	0.030	0.76	0.045	1.14	0.483	12.27	83	124
791834	18	4	7/0.0152	0.030	0.76	0.060	1.52	0.590	14.99	146	217
791838	18	8	7/0.0152	0.030	0.76	0.060	1.52	0.744	18.90	244	363
791842	18	12	7/0.0152	0.030	0.76	0.060	1.52	0.916	23.27	372	554
791854	18	24	7/0.0152	0.030	0.76	0.080	2.03	1.239	31.47	685	1019
791856	18	36	7/0.0152	0.030	0.76	0.080	2.03	1.424	36.17	977	1454
791631*	18	1	7/0.0152	0.030	0.76	0.045	1.14	0.332	8.43	58	86
791632	16	2	7/0.0192	0.030	0.76	0.060	1.52	0.559	14.20	119	177
791634	16	4	7/0.0192	0.030	0.76	0.060	1.52	0.645	16.38	185	275
791638	16	8	7/0.0192	0.030	0.76	0.080	2.03	0.857	21.77	347	516
791642	16	12	7/0.0192	0.030	0.76	0.080	2.03	1.004	25.50	479	713
791656	16	16	7/0.0192	0.030	0.76	0.080	2.03	1.153	29.29	636	946
791654	16	24	7/0.0192	0.030	0.76	0.080	2.03	1.403	35.64	944	1405
791676	16	36	7/0.0192	0.030	0.76	0.080	2.03	1.587	40.31	1311	1951
791432	14	2	7/0.0242	0.030	0.76	0.045	1.14	0.585	14.86	136	202

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* 1 Pair is not -ER
See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Royal® 600V EPR/CPE PAIRS, SPOS Type TC-ER

-30°C to 90°C Instrumentation Cable

TRAY CABLES



- CONDUCTORS:** • 18 AWG - 16 AWG Class B stranded tinned copper per ASTM B-33 and B-8
- INSULATION:** • Flame-retardant Ethylene Propylene Rubber (EPR)
• Black/White; Alpha/numeric print; Alternate & Inverted
- CABLE SHIELD:** • Individual and overall 100% coverage, aluminum/polyester foil shield
- JACKET:** • Black sunlight and moisture resistant, flame-retardant Thermoplastic Chlorinated Polyethylene (CPE)
- LEGEND:** • CCI ROYAL XX AWG XX SHIELDED PAIRS EPR/CPE TYPE TC-ER E79496 (UL) 600V 90C DRY/90C WET OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL FT4/IEEE 1202 --- SEQUENTIAL MARKING
• 16 AWG and larger are Direct Burial
- FEATURES:** • Rated 90°C wet or dry
• Sunlight and weather resistant
• Superior low temperature cold bend characteristics
• Excellent abrasion and chemical resistance
• Flame resistant jacket burns to ash and limited thermoplastic drip
- APPLICATIONS:** • Approved for Class 1 Division 2 hazardous location per NEC Article 501 (TC)
• Designed for use in conduit, cable tray, or direct burial
• Developed for use in industrial and utility applications where reliability and performance are paramount
• NEC Article 336 applications
- OPTIONS:** • Bare copper • Thermoset CPE Jacket
• FT4/IEEE 1202 • ICEA E-1 or Method 4 Color Code
- INDUSTRY APPROVALS:** • UL Standard 1277 Type TC-ER • NEC Article 336
• Passes UL1685 Flame Test • IEEE 383 flame test (70,000 btu)
• Passes FT4/IEEE 1202 Flame Test • ICEA S-73-532
• ICEA S-95-658 (WC70)
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Pairs	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
791882	18	2	7/0.0152	0.030	0.76	0.045	1.14	0.487	12.37	93	138
791884	18	4	7/0.0152	0.030	0.76	0.045	1.14	0.590	14.99	164	244
791888	18	8	7/0.0152	0.030	0.76	0.060	1.52	0.744	18.90	279	415
791877	18	12	7/0.0152	0.030	0.76	0.080	2.03	0.916	23.27	424	631
791894	18	24	7/0.0152	0.030	0.76	0.080	2.03	1.239	31.47	790	1176
791896	18	36	7/0.0152	0.030	0.76	0.080	2.03	1.424	36.17	1135	1689
791682	16	2	7/0.0192	0.030	0.76	0.060	1.52	0.559	14.20	132	196
791684	16	4	7/0.0192	0.030	0.76	0.060	1.52	0.645	16.38	211	314
791688	16	8	7/0.0192	0.030	0.76	0.080	2.03	0.817	20.75	366	545
791677	16	12	7/0.0192	0.030	0.76	0.080	2.03	1.004	25.50	554	824
791694	16	24	7/0.0192	0.030	0.76	0.080	2.03	1.383	35.13	1068	1589
791696	16	36	7/0.0192	0.030	0.76	0.080	2.03	1.593	40.46	1545	2299

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Royal® 600V EPR/CPE Triads, TOS Type TC-ER

-40°C to 90°C Instrumentation Cable

TRAY CABLES



- CONDUCTORS:** • 18 AWG - 16 AWG Class B stranded tinned copper per ASTM B-33 and B-8
- INSULATION:** • Flame-retardant Ethylene Propylene rubber (EPR)
• Black/White/Red; Alpha/numeric print
- CABLE SHIELD:** • 100% coverage, aluminum polyester foil shield
- JACKET:** • Black sunlight and moisture resistant, flame-retardant thermoplastic chlorinated polyethylene (CPE)
- LEGEND:** • CCI ROYAL XX AWG X TRIADS TYPE TC-ER E# (UL) 600V 90C DRY/90C WET OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL
• 16 AWG and larger are Direct Burial
- FEATURES:** • Rated 90°C wet or dry
• Sunlight and weather resistant
• Superior low temperature cold bend characteristics
• Excellent abrasion and chemical resistance
• Flame resistant jacket burns to ash and limited thermoplastic drip
- APPLICATIONS:** • Approved for Class 1 Division 2 hazardous location per NEC Article 501 (TC)
• Designed for use in conduit, cable tray, or direct burial
• Developed for use in industrial and utility applications where reliability and performance are paramount
• NEC Article 336 applications
- OPTIONS:** • Bare copper
• Thermoset CPE Jacket
• FT4/IEEE 1202
• ICEA E-1 or Method 4 Color Code
- INDUSTRY APPROVALS:** • UL 1277 Type TC • UL 1581
• UL1685 • IEEE 383 flame test (70,000 btu)
• ICEA S-73-532 • ICEA S-95-658 (WC70)
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Triads	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
791822	18	2	7/.0152	0.030	0.76	0.060	1.52	0.604	15.34	138	206
791823	18	4	7/.0152	0.030	0.76	0.060	1.52	0.703	17.86	228	339
791824	18	8	7/.0152	0.030	0.76	0.080	2.67	1.869	47.47	388	577
791825	18	12	7/.0152	0.030	0.76	0.080	2.03	1.142	29.01	596	887
791826	18	16	7/.0152	0.030	0.76	0.100	2.54	1.330	33.78	807	1200
791827	18	24	7/.0152	0.030	0.76	0.100	2.54	1.632	41.45	1133	1685
791828	18	36	7/.0152	0.030	0.76	0.100	2.54	1.869	47.47	1586	2360
791622	16	2	7/.0192	0.030	0.76	0.060	1.52	0.656	16.66	156	232
791623	16	4	7/.0192	0.030	0.76	0.080	2.92	2.071	52.60	291	433
791624	16	8	7/.0192	0.030	0.76	0.080	2.03	1.028	26.11	545	811
791629	16	12	7/.0192	0.030	0.76	0.095	2.41	1.271	32.28	735	1094
791626	16	16	7/.0192	0.030	0.76	0.100	2.54	1.452	36.88	973	1448
791627	16	24	7/.0192	0.030	0.76	0.115	2.92	1.808	45.92	1516	2256
791628	16	36	7/.0192	0.030	0.76	0.115	2.92	2.071	52.60	2136	3178

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

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Royal® 600V EPR/CPE Triads, STOS Type TC-ER

-30°C to 90°C Instrumentation Cable

TRAY CABLES



- CONDUCTORS:** • 18 AWG - 14 AWG Class B stranded tinned copper per ASTM B-33 and B-8
- INSULATION:** • Flame-retardant Ethylene Propylene Rubber (EPR)
• Black/White/Red; Alpha/numeric print; Alternate & Inverted
- CABLE SHIELD:** • Individual and overall 100% coverage, aluminum/polyester foil shield
- JACKET:** • Black sunlight and moisture resistant, flame-retardant thermoplastic Chlorinated Polyethylene (CPE)
- LEGEND:** • CCI ROYAL XX AWG XX SHIELDED TRIADS EPR/CPE TYPE TC-ER E79496 (UL) 600V 90C DRY/90C WET OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL FT4/IEEE 1202 --- SEQUENTIAL MARKING
• 16 AWG and larger are Direct Burial
- FEATURES:** • Rated 90°C wet or dry
• Sunlight and weather resistant
• Superior low temperature cold bend characteristics
• Excellent abrasion and chemical resistance
• Flame resistant jacket burns to ash and limited thermoplastic drip
- APPLICATIONS:** • Approved for Class 1 Division 2 hazardous location per NEC Article 501 (TC)
• Designed for use in conduit, cable tray, or direct burial
• Developed for use in industrial and utility applications where reliability and performance are paramount
• NEC Article 336 applications

- OPTIONS:** • Bare copper • Thermoset CPE Jacket
• FT4/IEEE 1202 • ICEA E-1 or Method 4 Color Code

- INDUSTRY APPROVALS:** • UL Standard 1277 Type TC-ER • NEC Article 336
• Passes UL1685 Flame Test • IEEE 383 flame test (70,000 btu)
• Passes FT4/IEEE 1202 Flame Test • ICEA S-73-532
• ICEA S-95-658 (WC70)
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Triads	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
791820	18	1	7/0.0152	0.030	0.76	0.045	1.14	0.336	8.53	49	73
791620	16	1	7/0.0192	0.030	0.76	0.045	1.14	0.364	9.25	61	91
791420	14	1	7/0.0242	0.030	0.76	0.045	1.14	0.398	10.11	79	118

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

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Royal® 600V EPR/LSZH Pairs, POS Type TC-ER

-40°C to 90°C Instrumentation Cable

TRAY CABLES



- CONDUCTORS:** • 18 AWG - 14 AWG Class B stranded tinned copper per ASTM B-33 and B-8
- INSULATION:** • Flame-retardant Ethylene Propylene rubber (EPR)
• Black/White; Alpha/numeric print
- CABLE SHIELD:** • Overall 100% coverage, aluminum polyester foil shield
- JACKET:** • Black sunlight and moisture resistant, flame-retardant low-smoke, zero-halogen sheath
- LEGEND:** • CCI ROYAL XX AWG X PAIRS TYPE TC LS-ER E# (UL) 600V 90C DRY/90C WET OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL
• 16 AWG and larger are Direct Burial
- FEATURES:** • Rated 90°C wet or dry
• Sunlight and weather resistant
• Superior low temperature cold bend characteristics
• Excellent abrasion and chemical resistance
• Flame resistant jacket burns to ash and limited thermoplastic drip
- APPLICATIONS:** • Approved for Class 1 Division 2 hazardous location per NEC Article 501 (TC)
• Designed for use in conduit, cable tray, or direct burial
• Developed for use in industrial and utility applications where reliability and performance are paramount
• NEC Article 336 applications
- OPTIONS:** • Bare copper
• Flexible stranding
• FT4/IEEE 1202
• ICEA E-1 or Method 4 Color Code
- INDUSTRY APPROVALS:** • UL 1277 Type TC-ER/LS • UL 1581
• UL1685 • IEEE 383 flame test (70,000 btu)
• ICEA S-73-532 • ICEA S-95-658 (WC70)
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Pairs	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
751861	18	1	7/0152	0.030	0.76	0.045	1.14	0.314	7.98	45	67
751862	18	2	7/0152	0.030	0.76	0.045	1.14	0.476	12.09	89	132
751864	18	4	7/0152	0.030	0.76	0.045	1.14	0.582	14.78	156	232
751868	18	8	7/0152	0.030	0.76	0.060	1.52	0.733	18.61	255	380
751872	18	12	7/0152	0.030	0.76	0.060	1.52	0.962	22.91	383	570
751884	18	24	7/0152	0.030	0.76	0.080	2.03	1.198	30.43	665	990
751896	18	36	7/0152	0.030	0.76	0.080	2.03	1.360	34.54	909	1353
751661	16	1	7/0192	0.030	0.76	0.045	1.14	0.338	8.59	56	83
751662	16	2	7/0192	0.030	0.76	0.045	1.14	0.548	13.92	184	274
751664	16	4	7/0192	0.030	0.76	0.060	1.52	0.632	16.05	218	324
751668	16	8	7/0192	0.030	0.76	0.060	1.52	0.800	20.32	328	488
751672	16	12	7/0192	0.030	0.76	0.080	2.03	0.988	25.10	446	738
751676	16	16	7/0192	0.030	0.76	0.080	2.03	1.108	28.14	625	930
751684	16	24	7/0192	0.030	0.76	0.080	2.03	1.312	33.32	869	1297
751696	16	36	7/0192	0.030	0.76	0.080	2.03	1.530	38.86	1258	1872
751462	14	2	7/0242	0.030	0.76	0.045	1.14	0.366	9.30	73	108

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

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Royal® 600V EPR/LSZH Pairs, SPOS Type TC-ER

-40°C to 90°C Instrumentation Cable

TRAY CABLES



- CONDUCTORS:** • 18 AWG - 16 AWG Class B stranded tinned copper per ASTM B-33 and B-8
- INSULATION:** • Flame-retardant Ethylene Propylene rubber (EPR)
• Black/White; Alpha/numeric print
- CABLE SHIELD:** • Individual and overall 100% coverage, aluminum polyester foil shield
- JACKET:** • Black sunlight and moisture resistant, flame-retardant low-smoke, zero-halogen sheath
- LEGEND:** • CCI ROYAL XX AWG X SHIELDED PAIRS TYPE TC-LS-ER
E# (UL) 600V 90C DRY/90C WET OIL RES I SUNLIGHT
RESISTANT DIRECT BURIAL
• 16 AWG and larger are Direct Burial
- FEATURES:** • Rated 90°C wet or dry
• Sunlight and weather resistant
• Superior low temperature cold bend characteristics
• Excellent abrasion and chemical resistance
• Flame resistant jacket burns to ash and limited thermoplastic drip
- APPLICATIONS:** • Approved for Class 1 Division 2 hazardous location per NEC Article 501 (TC)
• Designed for use in conduit, cable tray, or direct burial
• Developed for use in industrial and utility applications where reliability and performance are paramount
• NEC Article 336 applications
- OPTIONS:** • Bare copper
• Flexible stranding
• FT4/IEEE 1202
• ICEA E-1 or Method 4 Color Code
- INDUSTRY APPROVALS:** • UL 1277 Type TC-ER/LS • UL 1581
• UL1685 • IEEE 383 flame test (70,000 btu)
• ICEA S-73-532 • ICEA S-95-658 (WC70)
• EPA 40 CFR, Part 261, Subpart C,
heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Pairs	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
751832	18	2	7/.0152	0.030	0.76	0.047	1.19	0.490	12.44	98	146
751834	18	4	7/.0152	0.030	0.76	0.047	1.19	0.598	15.18	176	262
751838	18	8	7/.0152	0.030	0.76	0.062	1.57	0.755	19.17	290	432
751842	18	12	7/.0152	0.030	0.76	0.062	1.57	0.930	23.62	438	652
751844	18	24	7/.0152	0.030	0.76	0.082	2.08	1.254	31.85	796	1185
751846	18	36	7/.0152	0.030	0.76	0.082	2.08	1.442	36.62	988	1470
751632	16	2	7/.0192	0.030	0.76	0.047	1.19	0.562	14.27	140	208
751634	16	4	7/.0192	0.030	0.76	0.062	1.57	0.674	17.12	227	338
751638	16	8	7/.0192	0.030	0.76	0.062	1.57	0.800	20.32	375	558
751642	16	12	7/.0192	0.030	0.76	0.084	2.13	1.015	25.78	574	854
751644	16	24	7/.0192	0.030	0.76	0.084	2.13	1.368	34.74	1044	1554
751646	16	36	7/.0192	0.030	0.76	0.084	2.13	1.574	39.98	1477	2198

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

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Royal® 600V TFFN/THHN/THWN/PVC Type TC-ER

-25°C to 90°C Control Cable

TRAY CABLES



- CONDUCTOR:** • 18 AWG - 10 AWG Class B stranded bare copper per ASTM B-3 and B-8
- INSULATION:** • Premium grade Polyvinyl Chloride (PVC) plus nylon
• ICEA Method 1, Table E-2
- JACKET:** • Black sunlight and moisture resistant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG X/C PVCN/PVC TYPE TC-ER TFFN E79496 (UL) 600V 90C DRY OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL --- SEQUENTIAL MARKING
• CCI ROYAL XX AWG X/C PVCN/PVC TYPE TC-ER THHN/THWN E79496 (UL) 600V 90C DRY/75C WET OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL --- SEQUENTIAL MARKING
• 16 AWG and larger are Direct Burial
- FEATURES:** • Sunlight and weather resistant
• Excellent abrasion and chemical resistance
- APPLICATIONS:** • Class 1 Division 2 hazardous locations per NEC Article 501 (TC)
• Passes IEEE 383 flame test
• Installed in cable trays, raceways, conduit, aerial* and direct buried
• NEC Article 336 applications
- OPTIONS:** • Tinned copper • FT4/IEEE1202
• Composite Constructions • Shielding
• ICEA E-1 or Method 4 Color Code
- INDUSTRY APPROVALS:** • UL Standard 1277 Type TC-ER
• UL Standard 66 Type TFFN (16 AWG & 18 AWG)
• UL Standard 83 Type THHN/THWN (14 AWG)
• NEC Article 336
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Nylon Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
770501**	18	2 Flat	7/0.0152	0.015	0.38	0.004	0.10	0.045	1.14	0.181 x 0.268	4.60 x 6.81	33	49
770504**	18	2	7/0.0152	0.015	0.38	0.004	0.10	0.045	1.14	0.268	6.81	36	54
770503	18	3	7/0.0152	0.015	0.38	0.004	0.10	0.045	1.14	0.281	7.14	45	67
771302	18	4	7/0.0152	0.015	0.38	0.004	0.10	0.045	1.14	0.304	7.72	55	82
770505	18	5	7/0.0152	0.015	0.38	0.004	0.10	0.045	1.14	0.328	8.33	65	97
770507	18	7	7/0.0152	0.015	0.38	0.004	0.10	0.045	1.14	0.354	8.99	84	125
770509	18	9	7/0.0152	0.015	0.38	0.004	0.10	0.045	1.14	0.408	10.36	105	156
770512	18	12	7/0.0152	0.015	0.38	0.004	0.10	0.045	1.14	0.454	11.53	133	198
770515	18	15	7/0.0152	0.015	0.38	0.004	0.10	0.045	1.14	0.532	13.51	176	262
770519	18	19	7/0.0152	0.015	0.38	0.004	0.10	0.060	1.52	0.558	14.17	211	314

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* When supported with a messenger.

** Not -ER

See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Royal® 600V THHN/PVC Type TC-ER

-25°C to 90°C Control Cable

TRAY CABLES

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Nylon Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
770441**	16	2 Flat	7/0.0192	0.015	0.38	0.004	0.10	0.060	1.52	0.193 x 0.292	4.90 x 7.42	42	63
770402**	16	2	7/0.0192	0.015	0.38	0.004	0.10	0.045	1.14	0.292	7.42	45	67
771603	16	3	7/0.0192	0.015	0.38	0.004	0.10	0.045	1.14	0.308	7.82	55	82
771503	16	4	7/0.0192	0.015	0.38	0.004	0.10	0.045	1.14	0.334	8.48	71	106
770454	16	5	7/0.0192	0.015	0.38	0.004	0.10	0.045	1.14	0.361	9.17	85	126
770407	16	7	7/0.0192	0.015	0.38	0.004	0.10	0.045	1.14	0.391	9.93	112	167
770452	16	9	7/0.0192	0.015	0.38	0.004	0.10	0.045	1.14	0.452	11.48	140	208
770412	16	12	7/0.0192	0.015	0.38	0.004	0.10	0.060	1.52	0.535	13.59	188	280
771615	16	15	7/0.0192	0.015	0.38	0.004	0.10	0.060	1.52	0.589	14.96	235	350
771619	16	19	7/0.0192	0.015	0.38	0.004	0.10	0.060	1.52	0.619	15.72	284	423
770425	16	25	7/0.0192	0.015	0.38	0.004	0.10	0.060	1.52	0.718	18.24	365	543
770430	16	30	7/0.0192	0.015	0.38	0.004	0.10	0.080	2.03	0.759	19.28	425	632
770437	16	37	7/0.0192	0.015	0.38	0.004	0.10	0.080	2.03	0.857	21.77	545	811
770348**	14	2 Flat	7/0.0242	0.015	0.38	0.004	0.10	0.045	1.14	0.206 x 0.318	5.54 x 8.08	55	82
770302**	14	2	7/0.0242	0.015	0.38	0.004	0.10	0.045	1.14	0.319	8.10	59	88
771482	14	2 W/GND	7/0.0242	0.015	0.38	0.004	0.10	0.045	1.14	0.319	8.10	72	107
771483	14	3 W/GND	7/0.0242	0.015	0.38	0.004	0.10	0.045	1.14	0.353	8.97	90	134
771403	14	3	7/0.0242	0.015	0.38	0.004	0.10	0.045	1.14	0.337	1.143	77	115
771404	14	4	7/0.0242	0.015	0.38	0.004	0.10	0.045	1.14	0.366	9.30	97	144
771105	14	5	7/0.0242	0.015	0.38	0.004	0.10	0.045	1.14	0.397	10.08	116	173
771107	14	7	7/0.0242	0.015	0.38	0.004	0.10	0.045	1.14	0.431	10.95	155	231
770309	14	9	7/0.0242	0.015	0.38	0.004	0.10	0.060	1.52	0.531	13.49	211	314
770312	14	12	7/0.0242	0.015	0.38	0.004	0.10	0.080	2.03	0.590	14.99	270	402
770315	14	15	7/0.0242	0.015	0.38	0.004	0.10	0.080	2.03	0.652	16.56	328	488
770319	14	19	7/0.0242	0.015	0.38	0.004	0.10	0.080	2.03	0.686	17.42	401	597
770325	14	25	7/0.0242	0.015	0.38	0.004	0.10	0.080	2.03	0.838	21.29	549	817
770330	14	30	7/0.0242	0.015	0.38	0.004	0.10	0.080	2.03	0.884	22.45	642	955
770337	14	37	7/0.0242	0.015	0.38	0.004	0.10	0.080	2.03	0.951	24.16	773	1150
770201**	12	2 Flat	7/0.0305	0.015	0.38	0.004	0.10	0.045	1.14	0.228 x 0.363	5.79 x 9.22	76	113
770207**	12	2	7/0.0305	0.015	0.38	0.004	0.10	0.045	1.14	0.362	9.19	80	119
771203	12	3	7/0.0305	0.015	0.38	0.004	0.10	0.045	1.14	0.383	9.73	108	161
771213	12	3 W/GND	7/0.0305	0.015	0.38	0.004	0.10	0.045	1.14	0.414	10.52	128	190
771204	12	4	7/0.0305	0.015	0.38	0.004	0.10	0.045	1.14	0.418	10.62	137	204
771205	12	5	7/0.0305	0.015	0.38	0.004	0.10	0.045	1.14	0.456	11.58	166	247
770287	12	7	7/0.0305	0.015	0.38	0.004	0.10	0.045	1.14	0.496	12.60	224	333
770209	12	9	7/0.0305	0.015	0.38	0.004	0.10	0.060	1.52	0.609	15.47	301	448
770212	12	12	7/0.0305	0.015	0.38	0.004	0.10	0.060	1.52	0.680	17.27	388	577
770215	12	15	7/0.0305	0.015	0.38	0.004	0.10	0.060	1.52	0.754	19.15	475	707
770219	12	19	7/0.0305	0.015	0.38	0.004	0.10	0.080	2.03	0.834	21.18	619	921
770230	12	30	7/0.0305	0.015	0.38	0.004	0.10	0.080	2.03	1.023	25.98	937	1394
771237	12	37	7/0.0305	0.015	0.38	0.004	0.10	0.080	2.03	1.102	27.99	1133	1686
770101**	10	2 Flat	7/0.0385	0.015	0.38	0.004	0.10	0.045	1.14	0.262 x 0.430	6.65 x 10.92	109	162
771002**	10	2	7/0.0385	0.020	0.51	0.004	0.10	0.045	1.14	0.430	10.92	115	171
771003	10	3	7/0.0385	0.020	0.51	0.004	0.10	0.045	1.14	0.457	11.61	157	234
771004	10	4	7/0.0385	0.020	0.51	0.004	0.10	0.045	1.14	0.501	12.73	202	301
770105	10	5	7/0.0385	0.020	0.51	0.004	0.10	0.060	1.52	0.578	14.68	261	388
770107	10	7	7/0.0385	0.020	0.51	0.004	0.10	0.060	1.52	0.628	15.95	352	524
770109	10	9	7/0.0385	0.020	0.51	0.004	0.10	0.060	1.52	0.732	18.59	445	662
770112	10	12	7/0.0385	0.020	0.51	0.004	0.10	0.080	2.03	0.861	21.87	610	908

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

** Not -ER

See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Royal® 600V THHN/PVC, Shielded, Type TC-ER

-25°C to 90°C Control Cable

TRAY CABLES



- CONDUCTOR:** • 18 AWG - 16 AWG Class B stranded bare copper per ASTM B-3 and B-8
- INSULATION:** • Premium grade 105°C PVC plus nylon
• ICEA Method 1, Table E-2
- CABLE SHIELD:** • Overall 100% coverage, aluminum polyester foil shield
- JACKET:** • Black sunlight and moisture resistant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG X/C SHIELDED TYPE TC-ER THHN/THWN E# (UL) 600V 90C DRY/75C WET OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL
• 16 AWG and larger are Direct Burial
- FEATURES:** • Sunlight and weather resistant
• Excellent abrasion and chemical resistance
- APPLICATIONS:** • For process control and instrumentation
• Class 1 Division 2 hazardous locations per NEC Article 501 (TC)
• Passes IEEE 383 flame test
• Installed in cable trays, raceways, conduit, aerial* and direct buried
• NEC Article 336 applications
- OPTIONS:** • Tinned copper • FT4/IEEE1202
• Composite Constructions • Shielding
• ICEA E-1 or Method 4 Color Code
- INDUSTRY APPROVALS:** • UL 1277 Type TC-ER • NEC Article 336
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Nylon Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
771812	18	2	7/0152	0.015	0.38	0.005	0.13	0.045	1.14	0.274	6.96	40	59
771813	18	3	7/0152	0.015	0.38	0.005	0.13	0.045	1.14	0.288	7.31	49	73
771814	18	4	7/0152	0.015	0.38	0.005	0.13	0.045	1.14	0.311	7.89	59	87
771815	18	5	7/0152	0.015	0.38	0.005	0.13	0.045	1.14	0.336	8.52	69	102
771817	18	7	7/0152	0.015	0.38	0.005	0.13	0.045	1.14	0.362	9.19	88	130
771819	18	9	7/0152	0.015	0.38	0.005	0.13	0.045	1.14	0.417	10.58	105	156
771822	18	12	7/0152	0.015	0.38	0.005	0.13	0.045	1.14	0.465	11.81	133	198
771612	16	2	7/0192	0.015	0.38	0.005	0.13	0.045	1.14	0.298	7.56	46	68
771613	16	3	7/0192	0.015	0.38	0.005	0.13	0.045	1.14	0.314	7.97	58	86
771614	16	4	7/0192	0.015	0.38	0.005	0.13	0.045	1.14	0.340	8.63	72	107
771685	16	5	7/0192	0.015	0.38	0.005	0.13	0.045	1.14	0.368	9.34	85	127
771617	16	7	7/0192	0.015	0.38	0.005	0.13	0.045	1.14	0.398	10.10	112	167
771689	16	9	7/0192	0.015	0.38	0.005	0.13	0.045	1.14	0.462	11.73	141	209
771622	16	12	7/0192	0.015	0.38	0.005	0.13	0.060	1.52	0.545	13.84	195	290

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* When supported with a messenger.
See page 94 for Ordering and Color Code information.



Royal® 600V THHN/PVC, Shielded, Type TC-ER

-25°C to 90°C Control Cable

TRAY CABLES

- CONDUCTOR:** • 14 AWG - 10 AWG Class B stranded bare copper per ASTM B-3 and B-8
- INSULATION:** • Premium grade 105°C PVC plus nylon
• ICEA Method 1, Table E-2
- CABLE SHIELD:** • Overall 100% coverage, aluminum polyester foil shield
- JACKET:** • Black sunlight and moisture resistant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG X/C SHIELDED TYPE TC-ER
THHN/THWN E# (UL) 600V 90C DRY/75C WET OIL
RES I SUNLIGHT RESISTANT DIRECT BURIAL
- FEATURES:** • Sunlight and weather resistant
• Excellent abrasion and chemical resistance
- APPLICATIONS:** • For process control and instrumentation
• Class 1 Division 2 hazardous locations per NEC Article 501 (TC)
• Passes IEEE 383 flame test
• Installed in cable trays, raceways, conduit, aerial* and direct buried
• NEC Article 336 applications
- OPTIONS:** • Tinned copper • FT4/IEEE1202
• Composite Constructions • Shielding
• ICEA E-1 or Method 4 Color Code
- INDUSTRY APPROVALS:** • UL 1277 Type TC-ER • NEC Article 336
• EPA 40 CFR, Part 261, Subpart C,
heavy metals per Table 1, TCLP method



Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Nylon Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
771412	14	2	7/.0242	0.015	0.38	0.005	0.13	0.045	1.14	0.326	8.28	59	88
771413	14	3	7/.0242	0.015	0.38	0.005	0.13	0.045	1.14	0.344	8.74	78	116
771414	14	4	7/.0242	0.015	0.38	0.005	0.13	0.045	1.14	0.374	9.49	97	145
771415	14	5	7/.0242	0.015	0.38	0.005	0.13	0.045	1.14	0.406	10.30	117	174
771417	14	7	7/.0242	0.015	0.38	0.005	0.13	0.045	1.14	0.440	11.17	156	232
771422	14	12	7/.0242	0.015	0.38	0.005	0.13	0.060	1.52	0.603	15.13	270	402
771212	12	2	7/.0305	0.015	0.38	0.005	0.13	0.045	1.14	0.366	9.29	81	120
771283	12	3	7/.0305	0.015	0.38	0.005	0.13	0.045	1.14	0.387	9.84	108	161
771214	12	4	7/.0305	0.015	0.38	0.005	0.13	0.045	1.14	0.422	10.72	137	204
771215	12	5	7/.0305	0.015	0.38	0.005	0.13	0.045	1.14	0.460	11.67	166	247
771217	12	7	7/.0305	0.015	0.38	0.005	0.13	0.060	1.52	0.532	13.51	240	357
771222	12	12	7/.0305	0.015	0.38	0.005	0.13	0.060	1.52	0.686	17.42	389	578
771012	10	2	7/.0385	0.020	0.51	0.005	0.13	0.045	1.14	0.432	10.97	115	171
771093	10	3	7/.0385	0.020	0.51	0.005	0.13	0.045	1.14	0.459	11.65	157	234
771014	10	4	7/.0385	0.020	0.51	0.005	0.13	0.060	1.52	0.534	13.56	216	322
771015	10	5	7/.0385	0.020	0.51	0.005	0.13	0.060	1.52	0.581	14.75	262	389
771017	10	7	7/.0385	0.020	0.51	0.005	0.13	0.060	1.52	0.631	16.02	352	525

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* When supported with a messenger.
See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Royal® 600V THHN/THWN/PVC, Type TC-ER

-30°C to 90°C Power Cable

TRAY CABLES



- CONDUCTORS:** • 8 AWG - 1 AWG Class B stranded bare copper per ASTM B-3 and B-8
- INSULATION:** • Premium grade Polyvinyl Chloride (PVC) plus nylon
• ICEA Method 4--black and printed with conductor number
- GROUND:** • Uninsulated bare copper per ASTM B3 and B8
- JACKET:** • Black sunlight and moisture resistant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG X/C PVCN/PVC TYPE TC-ER
THHN/THWN E79496 (UL) 600V 90C DRY/75C WET
OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL ---
SEQUENTIAL MARKING
- FEATURES:** • Sunlight and weather resistant
• Excellent abrasion and chemical resistance
• Oil resistant I jacket
- APPLICATIONS:** • Class 1 Division 2 hazardous locations per NEC Article 501 (TC)
• Passes IEEE 383 flame test
• Installed in cable trays, raceways, conduit, aerial* and direct buried
• NEC Article 336 applications
- OPTIONS:** • Tinned copper • FT4/IEEE1202
• Composite Constructions • Shielding
• Insulated Ground
- INDUSTRY APPROVALS:** • UL Standard 1277 Type TC-ER • NEC Article 336
• UL Standard 83 Type THHN/THWN • UL 1685 Flame Test
• IEEE 383 flame test (70,000 btu)
• EPA 40 CFR, Part 261, Subpart C,
heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Cond.	Stranding	Ground	Insulation Thickness		Nylon Thickness		Jacket Thickness		Nominal OD		Weight	
					in.	mm.	in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
776984	8	3	7/0.0486	1 x 10 AWG	0.03	0.76	0.006	0.15	0.060	1.52	0.624	15.85	292	435
776985	8	4	7/0.0486	1 x 10 AWG	0.03	0.76	0.006	0.15	0.060	1.52	0.682	17.32	364	542
776995	6	3	7/0.0612	1 x 8 AWG	0.03	0.76	0.006	0.15	0.060	1.52	0.726	18.44	424	631
776986	6	4	7/0.0612	1 x 8 AWG	0.03	0.76	0.006	0.15	0.060	1.52	0.784	19.91	532	792
776987	4	3	7/0.0772	1 x 8 AWG	0.04	1.02	0.007	0.18	0.080	2.03	0.857	21.77	648	964
776988	4	4	7/0.0772	1 x 8 AWG	0.04	1.02	0.007	0.18	0.080	2.03	0.925	23.49	817	1216
776989	2	3	7/0.0974	1 x 6 AWG	0.04	1.02	0.007	0.18	0.080	2.03	0.954	24.23	941	1400
776990	2	4	7/0.0974	1 x 6 AWG	0.04	1.02	0.007	0.18	0.080	2.03	1.107	28.12	1228	1827
776903	1	3	19/0.0664	1 x 6 AWG	0.05	1.27	0.007	0.18	0.085	2.16	1.158	29.41	1230	1830
776904	1	4	19/0.0664	1 x 6 AWG	0.05	1.27	0.007	0.18	0.085	2.16	1.294	32.87	1599	2380

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* When supported with a messenger.
See page 94 for Ordering and Color Code information.



Royal® 600V THHN/THWN/PVC, Type TC-ER

-30°C to 90°C Power Cable

TRAY CABLES



- CONDUCTORS:** • 1/0 AWG - 500 MCM Class B stranded bare copper per ASTM B-3 and B-8
- INSULATION:** • Premium grade Polyvinyl Chloride (PVC) plus nylon
• ICEA Method 4--black and printed with conductor number
- GROUND:** • Uninsulated bare copper per ASTM B3 and B8
- JACKET:** • Black sunlight and moisture resistant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG X/C PVCN/PVC TYPE TC-ER THHN/THWN E79496 (UL) 600V 90C DRY/75C WET OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL --- SEQUENTIAL MARKING
- FEATURES:** • Sunlight and weather resistant
• Excellent abrasion and chemical resistance
• Oil resistant I jacket
- APPLICATIONS:** • For process control and instrumentation
• Class 1 Division 2 hazardous locations per NEC Article 501 (TC)
• Passes IEEE 383 flame test
• Installed in cable trays, raceways, conduit, aerial* and direct buried
• NEC Article 336 applications

- OPTIONS:**
- Tinned copper
 - Composite Constructions
 - ICEA E-1 Color Code
 - FT4/IEEE1202
 - Shielding

- INDUSTRY APPROVALS:**
- UL Standard 1277 Type TC-ER
 - UL Standard 83 Type THHN/THWN
 - IEEE 383 flame test (70,000 btu)
 - EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method
 - NEC Article 336
 - UL 1685 Flame Test

Part Number	Gauge	No. Cond.	Stranding	Ground	Insulation Thickness		Nylon Thickness		Jacket Thickness		Nominal OD		Weight	
					in.	mm.	in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
776913	1/0	3	19/0.0745	1 x 6 AWG	0.050	1.27	0.007	0.18	0.085	2.16	1.222	31.04	1446	2152
776914	1/0	4	19/0.0745	1 x 6 AWG	0.050	1.27	0.007	0.18	0.085	2.16	1.367	34.72	1880	2798
776923	2/0	3	19/0.0837	1 x 6 AWG	0.050	1.27	0.007	0.18	0.085	2.16	1.338	33.99	1768	2631
776924	2/0	4	19/0.0837	1 x 6 AWG	0.050	1.27	0.007	0.18	0.085	2.16	1.473	37.41	2275	3386
776933	3/0	3	19/0.0837	1 x 4 AWG	0.050	1.27	0.007	0.18	0.085	2.16	1.446	36.73	2191	3261
776943	4/0	3	19/0.0940	1 x 4 AWG	0.050	1.27	0.007	0.18	0.085	2.16	1.566	39.78	2240	3333
776944	4/0	4	19/0.1055	1 x 4 AWG	0.050	1.27	0.007	0.18	0.085	2.16	1.750	44.45	2909	4329
776953	250 MCM	3	37/0.0822	1 x 4 AWG	0.060	1.52	0.008	0.20	0.120	3.05	1.768	44.91	3145	4680
776963	250 MCM	4	37/0.0822	1 x 4 AWG	0.060	1.52	0.008	0.20	0.120	3.05	1.953	49.61	4068	6054
776964	350 MCM	3	37/0.0974	1 x 3 AWG	0.060	1.52	0.008	0.20	0.120	3.05	2.003	50.88	4236	6304
776973	350 MCM	4	37/0.0974	1 x 3 AWG	0.060	1.52	0.008	0.20	0.120	3.05	2.217	56.31	5499	8183
776974	500 MCM	3	37/0.1162	1 x 2 AWG	0.060	1.52	0.008	0.20	0.120	3.05	2.237	56.82	5800	8631
776983	500 MCM	4	37/0.1162	1 x 2 AWG	0.060	1.52	0.008	0.20	0.120	3.05	2.478	62.94	7562	11253

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* When supported with a messenger.
See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Royal® 600V XLPE/PVC, Type TC-ER

-30°C to 90°C Control Cable

TRAY CABLES



- CONDUCTOR:** • 18 AWG - 10 AWG Class B stranded bare copper per ASTM B-3 and B-8
- INSULATION:** • Flame-retardant Cross-Linked Polyethylene (XLPE)
• ICEA Method 1, Table E-2
- JACKET:** • Black sunlight and moisture resistant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG X/C XLPE/PVC TYPE TC-ER XHHW-2 E79496 (UL) 600V 90C DRY/90C WET OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL --- SEQUENTIAL MARKING
• 16 AWG and larger are Direct Burial
- FEATURES:** • Type XHHW-2 conductors
• Rated 90°C wet or dry
• Sunlight and weather resistant
• Excellent abrasion and chemical resistance
• Oil resistant I jacket
- APPLICATIONS:** • Constructions of 3 or more conductors are permitted by NEC for TC-ER (exposed run)
• Approved for Class 1 Division 2 hazardous locations per NEC Article 501 (TC)
• Designed for use in conduit, cable tray or direct burial
• Applications include control, power lighting and telemetering where a heat and electrically stable insulation is required
• NEC Article 336 applications
- OPTIONS:** • Tinned copper
• Shielding
• Composite Constructions
• FT4/IEEE 1202
• ICEA E-1 or Method 4 Color Code

- INDUSTRY APPROVALS:** • UL Standard 1277 Type TC-ER • UL 44 XHHW-2
• IEEE 383 flame test (70,000 btu) • UL 1685 Flame Test
• ICEA S-95-658 (NEMA WC70) • NEC Article 336
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
781892*	18	2 Flat	7/0.0152	0.030	0.76	0.045	1.14	0.196 x 0.298	4.98 x 7.57	19	28
781802*	18	2	7/0.0152	0.030	0.76	0.045	1.14	0.306	7.77	48	71
781803	18	3	7/0.0152	0.030	0.76	0.045	1.14	0.323	8.20	58	86
781804	18	4	7/0.0152	0.030	0.76	0.045	1.14	0.351	8.92	70	104
781805	18	5	7/0.0152	0.030	0.76	0.045	1.14	0.380	9.65	82	122
781807	18	7	7/0.0152	0.030	0.76	0.045	1.14	0.412	10.46	106	157
781809	18	9	7/0.0152	0.030	0.76	0.045	1.14	0.478	12.14	129	12.1412
781812	18	12	7/0.0152	0.030	0.76	0.060	1.52	0.564	14.33	179	266
781815	18	15	7/0.0152	0.030	0.76	0.060	1.52	0.622	15.80	215	319
781819	18	19	7/0.0152	0.030	0.76	0.060	1.52	0.654	16.61	259	385

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Not -ER
See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Royal® 600V XLPE/PVC, Type TC-ER

-40°C to 90°C Control Cable

TRAY CABLES

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
781692*	16	2 Flat	7/0.0192	0.030	0.76	0.045	1.14	0.212 x 0.330	5.38 x 8.38	27	40
781602*	16	2	7/0.0192	0.030	0.76	0.045	1.14	0.332	8.43	58	86
781603	16	3	7/0.0192	0.030	0.76	0.045	1.14	0.351	8.92	71	105
781604	16	4	7/0.0192	0.030	0.76	0.045	1.14	0.382	9.70	85	126
781605	16	5	7/0.0192	0.030	0.76	0.045	1.14	0.415	10.54	104	154
781607	16	7	7/0.0192	0.030	0.76	0.045	1.14	0.451	11.46	136	202
781609	16	9	7/0.0192	0.030	0.76	0.060	1.52	0.555	14.10	183	272
781612	16	12	7/0.0192	0.030	0.76	0.060	1.52	0.618	15.70	232	345
781615	16	15	7/0.0192	0.030	0.76	0.060	1.52	0.683	17.35	280	416
781619	16	19	7/0.0192	0.030	0.76	0.060	1.52	0.719	18.26	340	505
781625	16	25	7/0.0192	0.030	0.76	0.080	2.03	0.878	22.30	469	697
781630	16	30	7/0.0192	0.030	0.76	0.080	2.03	0.927	23.55	544	809
781637	16	37	7/0.0192	0.030	0.76	0.080	2.03	0.997	25.32	651	968
781492*	14	2 Flat	7/0.0242	0.030	0.76	0.045	1.14	0.229 x 0.364	5.82 x 9.25	39	58
781442*	14	2	7/0.0242	0.030	0.76	0.045	1.14	0.364	9.25	75	111
781482	14	2 W/GND	7/0.0242	0.030	0.76	0.045	1.14	0.348	8.84	82	122
781483	14	3 W/GND	7/0.0242	0.030	0.76	0.045	1.14	0.380	9.65	104	154
781403	14	3	7/0.0242	0.030	0.76	0.045	1.14	0.386	9.80	94	139
781404	14	4	7/0.0242	0.030	0.76	0.045	1.14	0.421	10.69	116	172
781405	14	5	7/0.0242	0.030	0.76	0.045	1.14	0.459	11.66	139	206
781407	14	7	7/0.0242	0.030	0.76	0.045	1.14	0.499	12.67	183	272
781409	14	9	7/0.0242	0.030	0.76	0.060	1.52	0.613	15.57	245	364
781412	14	12	7/0.0242	0.030	0.76	0.060	1.52	0.688	17.48	316	470
781415	14	15	7/0.0242	0.030	0.76	0.060	1.52	0.759	19.28	382	568
781419	14	19	7/0.0242	0.030	0.76	0.060	1.52	0.799	20.29	465	691
781425	14	25	7/0.0242	0.030	0.76	0.080	2.03	0.974	24.74	637	947
781430	14	30	7/0.0242	0.030	0.76	0.080	2.03	0.989	25.12	707	1052
781437	14	37	7/0.0242	0.030	0.76	0.080	2.03	1.109	28.17	894	1330
781292*	12	2 Flat	7/0.0305	0.030	0.76	0.045	1.14	0.251 x 0.408	6.38 x 10.36	58	86
781202*	12	2	7/0.0305	0.030	0.76	0.045	1.14	0.408	10.36	99	147
781203	12	3	7/0.0305	0.030	0.76	0.045	1.14	0.433	1.143	127	188
781283	12	3 W/GND	7/0.0305	0.030	0.76	0.045	1.14	0.431	10.95	145	215
781204	12	4	7/0.0306	0.030	0.76	0.045	1.14	0.474	12.04	153	228
781205	12	5	7/0.0305	0.030	0.76	0.060	1.52	0.548	13.92	207	308
781207	12	7	7/0.0305	0.030	0.76	0.060	1.52	0.595	15.11	273	406
781209	12	9	7/0.0305	0.030	0.76	0.060	1.52	0.692	17.58	341	17.5768
781212	12	12	7/0.0305	0.030	0.76	0.060	1.52	0.776	19.71	439	653
781215	12	15	7/0.0305	0.030	0.76	0.080	2.03	0.902	22.91	571	849
781925	12	19	7/0.0305	0.030	0.76	0.080	2.03	0.949	24.10	696	1035
781225	12	25	7/0.0305	0.030	0.76	0.080	2.03	1.106	28.09	898	1336
781230	12	30	7/0.0305	0.030	0.76	0.080	2.03	1.170	29.72	1054	1568
781237	12	37	7/0.0305	0.030	0.76	0.080	2.03	1.263	32.08	1274	1895
781092*	10	2 Flat	7/0.0385	0.030	0.76	0.045	1.14	0.272 x 0.450	6.91 x 11.43	258	1.143
781002*	10	2	7/0.0385	0.030	0.76	0.045	1.14	0.450	11.43	129	11.43
781003	10	3	7/0.0385	0.030	0.76	0.045	1.14	0.478	12.14	171	254
781004	10	4	7/0.0386	0.030	0.76	0.060	1.52	0.560	14.22	231	344
781005	10	5	7/0.0385	0.030	0.76	0.060	1.52	0.605	15.37	281	418
781007	10	7	7/0.0385	0.030	0.76	0.060	1.52	0.658	16.71	375	558
781009	10	9	7/0.0385	0.030	0.76	0.060	1.52	0.768	19.51	471	700
781012	10	12	7/0.0385	0.030	0.76	0.080	2.03	0.903	22.94	644	958

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Not -ER

See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Royal® 600V XLPE/PVC, Shielded Type TC-ER

-40°C to 90°C Control Cable

TRAY CABLES



- CONDUCTOR:** • 18 AWG -16 AWG Class B stranded bare copper per ASTM B-3 and B-8
- INSULATION:** • Flame-retardant Cross-Linked Polyethylene (XLPE)
• ICEA Method 1, Table E-2
- CABLE SHIELD:** • 100% coverage, aluminum polyester foil shield
- JACKET:** • Black sunlight and moisture resistant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG X/C SHIELDED TYPE TC-ER E# (UL) 600V 90C DRY/90C WET SUNLIGHT RESISTANT OIL RES I DIRECT BURIAL
• 16 AWG and larger are Direct Burial
- FEATURES:** • Type XHHW-2 conductors
• Rated 90°C wet or dry
• Sunlight and weather resistant
• Excellent abrasion and chemical resistance
• Oil resistant 1 jacket

- APPLICATIONS:** • Constructions of 3 or more conductors are permitted by NEC for TC-ER (exposed run)
• Approved for Class 1 Division 2 hazardous locations
• Designed for use in conduit, cable tray or direct burial
• Applications include control, power lighting and telemetering where a heat and electrically stable insulation is required

- OPTIONS:** • Tinned copper • FT4/IEEE 1202
• Composite Constructions

- INDUSTRY APPROVALS:** • UL 1277 Type TC-ER • UL 44 XHHW-2
• UL 1685 • IEEE 383 flame test (70,000 btu)
• ICEA S-95-658 (NEMA WC70)
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
781852	18	2	7/.0152	0.030	0.76	0.045	1.14	0.314	7.98	53	79
781853	18	3	7/.0152	0.030	0.76	0.045	1.14	0.331	8.41	65	96
781854	18	4	7/.0152	0.030	0.76	0.045	1.14	0.359	9.13	78	115
781855	18	5	7/.0152	0.030	0.76	0.045	1.14	0.390	9.90	91	135
781857	18	7	7/.0152	0.030	0.76	0.045	1.14	0.422	10.72	115	172
781859	18	9	7/.0152	0.030	0.76	0.045	1.14	0.489	12.42	143	213
781862	18	12	7/.0152	0.030	0.76	0.045	1.14	0.546	13.87	199	297
781652	16	2	7/.0192	0.030	0.76	0.045	1.14	0.338	8.59	62	92
781653	16	3	7/.0192	0.030	0.76	0.045	1.14	0.357	9.07	77	115
781654	16	4	7/.0192	0.030	0.76	0.045	1.14	0.388	9.87	94	140
781655	16	5	7/.0192	0.030	0.76	0.045	1.14	0.422	10.72	111	165
781657	16	7	7/.0192	0.030	0.76	0.045	1.14	0.458	11.63	143	213
781659	16	9	7/.0192	0.030	0.76	0.060	1.52	0.562	14.28	196	292
781662	16	12	7/.0192	0.030	0.76	0.060	1.52	0.626	15.90	246	366

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Royal® 600V XLPE/PVC, Shielded Type TC-ER

-40°C to 90°C Control Cable

TRAY CABLES



- CONDUCTOR:** • 14 AWG -10 AWG Class B stranded bare copper per ASTM B-3 and B-8
- INSULATION:** • Flame-retardant Cross-Linked Polyethylene (XLPE)
• ICEA Method 1, Table E-2
- CABLE SHIELD:** • 100% coverage, aluminum polyester foil shield
- JACKET:** • Black sunlight and moisture resistant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG X/C SHIELDED TYPE TC-ER E#
(UL) 600V 90C DRY/90C WET SUNLIGHT RESISTANT
OIL RES I DIRECT BURIAL
- FEATURES:** • Type XHHW-2 conductors
• Rated 90°C wet or dry
• Sunlight and weather resistant
• Excellent abrasion and chemical resistance
• Oil resistant I jacket
- APPLICATIONS:** • Constructions of 3 or more conductors are permitted by NEC for TC-ER (exposed run)
• Approved for Class 1 Division 2 hazardous locations
• Designed for use in conduit, cable tray or direct burial
• Applications include control, power lighting and telemetering where a heat and electrically stable insulation is required
- OPTIONS:** • Tinned copper • FT4/IEEE 1202
• Composite Constructions
- INDUSTRY APPROVALS:** • UL 1277 Type TC-ER • UL 44 XHHW-2
• UL 1685 • IEEE 383 flame test (70,000 btu)
• ICEA S-95-658 (NEMA WC70)
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
781452	14	2	7/0242	0.030	0.76	0.045	1.14	0.366	9.30	77	114
781453	14	3	7/0242	0.030	0.76	0.045	1.14	0.387	9.84	98	146
781454	14	4	7/0242	0.030	0.76	0.045	1.14	0.422	10.73	120	179
781455	14	5	7/0242	0.030	0.76	0.045	1.14	0.460	11.68	143	213
781457	14	7	7/0242	0.030	0.76	0.045	1.14	0.500	12.70	188	280
781462	14	12	7/0242	0.030	0.76	0.060	1.52	0.684	17.38	321	477
781252	12	2	7/0305	0.030	0.76	0.045	1.14	0.406	10.31	100	149
781253	12	3	7/0305	0.030	0.76	0.045	1.14	0.431	10.94	131	194
781254	12	4	7/0305	0.030	0.76	0.045	1.14	0.471	11.96	162	242
781255	12	5	7/0305	0.030	0.76	0.045	1.14	0.514	13.05	208	310
781257	12	7	7/0305	0.030	0.76	0.060	1.52	0.590	14.99	275	409
781262	12	12	7/0305	0.030	0.76	0.060	1.52	0.767	19.48	439	653
781052	10	2	7/0385	0.030	0.76	0.045	1.14	0.452	11.48	133	197
781053	10	3	7/0385	0.030	0.76	0.045	1.14	0.480	12.20	176	262
781054	10	4	7/0385	0.030	0.76	0.060	1.52	0.556	14.13	234	349
781055	10	5	7/0385	0.030	0.76	0.060	1.52	0.606	15.39	280	417
781057	10	7	7/0385	0.030	0.76	0.060	1.52	0.659	16.74	374	556

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 94 for Ordering and Color Code information.



ROYAL®



Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Royal® 600V XLPE/PVC, Type TC-ER

-30°C to 90°C Power Cable

TRAY CABLES



- CONDUCTOR:** • 8 AWG - 1AWG Class B stranded bare copper per ASTM B-33 and B-8
- INSULATION:** • Flame-retardant Cross-Linked Polyethylene (XLPE)
• ICEA Method 4--black and printed with conductor number
- GROUND:** • Uninsulated Class B stranding per ASTM B-3 and B-8
- JACKET:** • Black sunlight and moisture resistant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG X/C XLPE/PVC TYPE TC-ER XHHW-2 E79496 (UL) 600V 90C DRY/90C WET SUNLIGHT RESISTANT OIL RES I DIRECT BURIAL --- SEQUENTIAL MARKING
- FEATURES:** • Type XHHW-2 conductors
• Rated 90°C wet or dry
• Sunlight and weather resistant
• Excellent abrasion and chemical resistance
• Oil resistant I jacket
- APPLICATIONS:** • Constructions of 3 or more conductors are permitted by NEC for TC-ER (exposed run)
• Approved for Class 1 Division 2 hazardous locations per NEC Article 501 (TC)
• Designed for use in conduit, cable tray or direct burial
• Applications include control, power lighting and telemetering where a heat and electrically stable insulation is required
• NEC Article 336 applications
- OPTIONS:** • Tinned copper
• Composite Constructions
• ICEA E-1 Color Code
• Shielding
• FT4/IEEE 1202
- INDUSTRY APPROVALS:** • UL Standard 1277 Type TC-ER
• IEEE 383 flame test (70,000 btu)
• ICEA S-95-658 (NEMA WC70)
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method
• UL 44 XHHW-2
• UL 1685 Flame Test
• NEC Article 336

Part Number	Gauge	No. Cond.	Stranding	Ground	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
					in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
786875	8	3	7/0.0486	1 X 10 AWG	0.045	1.14	0.060	1.52	0.647	16.43	399	594
786876	8	4	7/0.0486	1 X 10 AWG	0.045	1.14	0.060	1.52	0.724	18.39	410	610
786877	6	3	7/0.0612	1 X 8 AWG	0.045	1.14	0.060	1.52	0.724	18.39	487	725
786878	6	4	7/0.0612	1 X 8 AWG	0.045	1.14	0.060	1.52	0.816	20.73	587	874
786879	4	3	7/0.0772	1 X 8 AWG	0.045	1.14	0.080	2.03	0.853	21.67	668	994
786880	4	4	7/0.0772	1 X 8 AWG	0.045	1.14	0.080	2.03	0.936	23.77	936	1393
786881	2	3	7/0.0974	1 X 6 AWG	0.045	1.14	0.080	2.03	0.978	24.84	978	1455
786882	2	4	7/0.0974	1 X 6 AWG	0.045	1.14	0.080	2.03	1.123	28.52	1326	1973
786813	1	3	7/0.0664	1 X 6 AWG	0.055	1.40	0.085	2.16	1.162	29.51	1328	1976
786814	1	4	7/0.0664	1 X 6 AWG	0.055	1.40	0.085	2.16	1.279	32.49	1632	2429

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

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Royal® 600V XLPE/PVC, Type TC-ER

-30°C to 90°C Power Cable

TRAY CABLES



- CONDUCTOR:** • 1/0 AWG - 500 MCM Class B stranded bare copper per ASTM B-33 and B-8
- INSULATION:** • Flame-retardant Cross-Linked Polyethylene (XLPE)
• ICEA Method 4--black and printed with conductor number
- GROUND:** • Uninsulated Class B stranding per ASTM B-3 and B-8
- JACKET:** • Black sunlight and moisture resistant Polyvinyl Chloride (PVC)
- LEGEND:** • CCI ROYAL XX AWG X/C XLPE/PVC TYPE TC-ER XHHW-2 E79496 (UL) 600V 90C DRY/90C WET SUNLIGHT RESISTANT OIL RES I DIRECT BURIAL --- SEQUENTIAL MARKING
- FEATURES:** • Type XHHW-2 conductors
• Rated 90°C wet or dry
• Sunlight and weather resistant
• Excellent abrasion and chemical resistance
• Oil resistant I jacket

- APPLICATIONS:** • Constructions of 3 or more conductors are permitted by NEC for TC-ER (exposed run)
• Approved for Class 1 Division 2 hazardous locations per NEC Article 501 (TC)
• Designed for use in conduit, cable tray or direct burial
• Applications include control, power lighting and telemetering where a heat and electrically stable insulation is required
• NEC Article 336 applications

- OPTIONS:** • Tinned copper • Shielding
• Composite Constructions • FT4/IEEE 1202
• ICEA E-1 Color Code

- INDUSTRY APPROVALS:** • UL Standard 1277 Type TC-ER • UL 44 XHHW-2
• IEEE 383 flame test (70,000 btu) • UL 1685 Flame Test
• ICEA S-95-658 (NEMA WC70) • NEC Article 336
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Cond.	Stranding	Ground	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
					in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
786823	1/0	3	19/0.0745	1 x 6 AWG	0.055	1.40	0.085	2.16	1.216	30.89	1534	2283
786824	1/0	4	19/0.0745	1 x 6 AWG	0.055	1.40	0.085	2.16	1.357	34.47	1971	2933
786883	2/0	3	19/0.0837	1 x 6 AWG	0.055	1.40	0.085	2.16	1.329	33.76	1854	2759
786884	2/0	4	19/0.0837	1 x 6 AWG	0.055	1.40	0.085	2.16	1.464	37.19	2366	3521
786833	3/0	3	19/0.0837	1 x 4 AWG	0.055	1.40	0.085	2.16	1.437	36.50	2278	3390
786843	4/0	3	19/0.0940	1 x 4 AWG	0.055	1.40	0.085	2.16	1.558	39.57	2702	4021
786844	4/0	4	19/0.1055	1 x 4 AWG	0.055	1.40	0.085	2.16	1.740	44.20	3458	5146
786853	250 MCM	3	37/0.0822	1 x 4 AWG	0.065	1.65	0.120	3.05	1.755	44.58	3245	4829
786854	250 MCM	4	37/0.0822	1 x 4 AWG	0.065	1.65	0.120	3.05	1.939	49.25	4185	6228
786863	350 MCM	3	37/0.0974	1 x 3 AWG	0.065	1.65	0.120	3.05	1.990	50.55	4313	6418
786864	350 MCM	4	37/0.0974	1 x 3 AWG	0.065	1.65	0.120	3.05	2.202	55.93	5596	8328
786873	500 MCM	3	37/0.1162	1 x 2 AWG	0.065	1.65	0.120	3.05	2.224	56.49	5878	8747
786874	500 MCM	4	37/0.1162	1 x 2 AWG	0.065	1.65	0.120	3.05	2.464	62.59	7665	11407

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

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Royal® 600V EPR/CPE, Type TC-ER

-30°C to 90°C Control Cable

TRAY CABLES



- CONDUCTOR:** • 18 AWG - 10 AWG Class B stranded tinned copper per ASTM B-3 and B-8
- INSULATION:** • Flame-retardant Ethylene Propylene Rubber (EPR)
• ICEA Method 1, Table E-2
- GROUND:** • Uninsulated Class B stranding per ASTM B-3 and B-8
- JACKET:** • Black sunlight and moisture resistant, flame-retardant thermoplastic Chlorinated Polyethylene (CPE)
- LEGEND:** • CCI ROYAL XX AWG X/C EPR/CPE TYPE TC-ER E79496 (UL) 600V 90C DRY/90C WET OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL FT4/IEEE 1202 --- SEQUENTIAL MARKING
• 16 AWG and larger are Direct Burial
- FEATURES:** • Rated 90°C wet or dry
• Sunlight and weather resistant
• Superior low temperature cold bend characteristics
• Excellent abrasion and chemical resistance
• Flame resistant jacket burns to ash and limited thermoplastic drip
- APPLICATIONS:** • Constructions of 3 or more conductors are permitted by NEC for TC-ER (exposed run)
• Approved for Class 1 Division 2 hazardous locations per NEC Article 501 (TC)
• Designed for use in conduit, cable tray or direct burial
• NEC Article 336 applications
- OPTIONS:** • Bare copper
• Thermoset CPE Jacket
• ICEA E-1 or Method 4 Color Code
• Shielding
• FT4/IEEE 1202
- INDUSTRY APPROVALS:** • UL Standard 1277 Type TC-ER
• IEEE 383 flame test (70,000 btu)
• FT4/IEEE 1202 Flame Test
• ICEA S-95-658 (NEMA WC70)
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method
• NEC Article 336
• UL 1685 Flame Test
• ICEA S-73-532

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
791892*	18	2 Flat	7/0.0152	0.030	0.76	0.045	1.14	0.196 x 0.298	4.98 x 7.57	19	28
791802*	18	2	7/0.0152	0.030	0.76	0.045	1.14	0.306	7.77	47	70
791803	18	3	7/0.0152	0.030	0.76	0.045	1.14	0.323	8.20	58	86
791804	18	4	7/0.0152	0.030	0.76	0.045	1.14	0.351	8.92	69	103
791805	18	5	7/0.0152	0.030	0.76	0.045	1.14	0.380	9.65	82	122
791807	18	7	7/0.0152	0.030	0.76	0.045	1.14	0.412	10.46	105	156
791809	18	9	7/0.0152	0.030	0.76	0.045	1.14	0.478	12.14	128	190
791812	18	12	7/0.0152	0.030	0.76	0.060	1.52	0.564	14.33	163	243
791815	18	15	7/0.0152	0.030	0.76	0.060	1.52	0.622	15.80	215	320
791819	18	19	7/0.0152	0.030	0.76	0.060	1.52	0.654	16.61	258	384

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Not -ER
See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

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Royal® 600V EPR/CPE, Type TC-ER

-40°C to 90°C Control Cable

TRAY CABLES

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
791692*	16	2 Flat	7/0.0192	0.030	0.76	0.045	1.14	0.212 x 0.330	5.38 x 8.38	27	40
791602*	16	2	7/0.0192	0.030	0.76	0.045	1.14	0.332	8.43	57	85
791603	16	3	7/0.0192	0.030	0.76	0.045	1.14	0.351	8.92	71	106
791604	16	4	7/0.0192	0.030	0.76	0.045	1.14	0.382	9.70	87	129
791605	16	5	7/0.0192	0.030	0.76	0.045	1.14	0.415	10.54	104	155
791607	16	7	7/0.0192	0.030	0.76	0.045	1.14	0.451	11.46	135	201
791609	16	9	7/0.0192	0.030	0.76	0.060	1.52	0.555	14.10	182	271
791612	16	12	7/0.0192	0.030	0.76	0.060	1.52	0.618	15.70	231	344
791615	16	15	7/0.0192	0.030	0.76	0.060	1.52	0.683	17.35	279	415
791619	16	19	7/0.0192	0.030	0.76	0.060	1.52	0.719	18.26	339	504
791625	16	25	7/0.0192	0.030	0.76	0.080	2.03	0.878	22.30	467	695
791630	16	30	7/0.0192	0.030	0.76	0.080	2.03	0.927	23.55	542	807
791637	16	37	7/0.0192	0.030	0.76	0.080	2.03	0.997	25.32	649	966
791492*	14	2 Flat	7/0.0242	0.030	0.76	0.045	1.14	0.230 x 0.366	5.61 x 8.84	39	58
791402*	14	2	7/0.0242	0.030	0.76	0.045	1.14	0.364	9.25	74	110
791482	14	2 W/GND	7/0.0242	0.030	0.76	0.045	1.14	0.348	8.84	81	121
791483	14	3 W/GND	7/0.0242	0.030	0.76	0.045	1.14	0.380	9.65	104	155
791403	14	3	7/0.0242	0.030	0.76	0.045	1.14	0.386	9.80	94	140
791404	14	4	7/0.0242	0.030	0.76	0.045	1.14	0.421	10.69	116	173
791405	14	5	7/0.0242	0.030	0.76	0.045	1.14	0.459	11.66	138	205
791407	14	7	7/0.0242	0.030	0.76	0.045	1.14	0.499	12.67	182	271
791409	14	9	7/0.0242	0.030	0.76	0.060	1.52	0.613	15.57	244	363
791412	14	12	7/0.0242	0.030	0.76	0.060	1.52	0.688	17.48	315	469
791415	14	15	7/0.0242	0.030	0.76	0.060	1.52	0.759	19.28	380	566
791419	14	19	7/0.0242	0.030	0.76	0.060	1.52	0.799	20.29	464	691
791425	14	25	7/0.0242	0.030	0.76	0.080	2.03	0.974	24.74	635	945
791430	14	30	7/0.0242	0.030	0.76	0.080	2.03	0.989	25.12	705	1049
791437	14	37	7/0.0242	0.030	0.76	0.080	2.03	1.109	28.17	892	1327
791292*	12	2 Flat	7/0.0305	0.030	0.76	0.045	1.14	0.239 x 0.384	6.07 x 9.75	58	86
791202*	12	2	7/0.0305	0.030	0.76	0.045	1.14	0.408	10.36	98	146
791203	12	3	7/0.0305	0.030	0.76	0.045	1.14	0.433	1.143	126	188
791283	12	3 W/GND	7/0.0305	0.030	0.76	0.045	1.14	0.431	10.95	144	214
791205	12	5	7/0.0305	0.030	0.76	0.060	1.52	0.548	13.92	205	305
791207	12	7	7/0.0305	0.030	0.76	0.060	1.52	0.595	15.11	273	406
791209	12	9	7/0.0305	0.030	0.76	0.060	1.52	0.692	17.58	340	506
791212	12	12	7/0.0305	0.030	0.76	0.060	1.52	0.776	19.71	438	652
791215	12	15	7/0.0305	0.030	0.76	0.080	2.03	0.902	22.91	569	847
791219	12	19	7/0.0305	0.030	0.76	0.080	2.03	0.949	24.10	694	1033
791225	12	25	7/0.0305	0.030	0.76	0.080	2.03	1.106	28.09	895	1332
791231	12	30	7/0.0305	0.030	0.76	0.080	2.03	1.170	29.72	1052	1566
791237	12	37	7/0.0305	0.030	0.76	0.080	2.03	1.263	32.08	1272	1893
791092*	10	2 Flat	7/0.0385	0.030	0.76	0.045	1.14	0.262 x 0.430	6.65 x 10.92	258	384
791002*	10	2	7/0.0385	0.030	0.76	0.045	1.14	0.450	11.43	129	192
791003	10	3	7/0.0385	0.030	0.76	0.045	1.14	0.478	12.14	170	253
791005	10	5	7/0.0385	0.030	0.76	0.060	1.52	0.605	15.37	280	417
791007	10	7	7/0.0385	0.030	0.76	0.060	1.52	0.658	16.71	374	557
791009	10	9	7/0.0385	0.030	0.76	0.060	1.52	0.768	19.51	469	698
791012	10	12	7/0.0385	0.030	0.76	0.080	2.03	0.903	22.94	642	955

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* Not -ER

See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

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Royal® 600V EPR/CPE, Shielded Type TC-ER

-40°C to 90°C Control Cable

TRAY CABLES



- CONDUCTOR:** • 18 AWG - 16 AWG Class B stranded tinned copper per ASTM B-3 and B-8
- INSULATION:** • Flame-retardant Ethylene Propylene Rubber (EPR)
• ICEA Method 1, Table E-2
- CABLE SHIELD:** • 100% coverage, aluminum polyester foil shield
- JACKET:** • Black sunlight and moisture resistant, flame-retardant thermoplastic Chlorinated Polyethylene (CPE)
- LEGEND:** • CCI ROYAL XX AWG X/C SHIELDED TYPE TC-ER E# (UL) 600V 90C DRY/90C WET OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL
• 16 AWG and larger are Direct Burial
- FEATURES:** • Rated 90°C wet or dry
• Sunlight and weather resistant
• Superior low temperature cold bend characteristics
• Excellent abrasion and chemical resistance
• Flame resistant jacket burns to ash and limited thermoplastic drip
- APPLICATIONS:** • Constructions of 3 or more conductors are permitted by NEC for TC-ER (exposed run)
• Approved for Class 1 Division 2 hazardous locations per NEC Article 501 (TC)
• Designed for use in conduit, cable tray or direct burial
• Developed for use in industrial and utility applications where reliability and performance are paramount
• NEC Article 336 applications
- OPTIONS:** • Bare copper • Thermoset CPE Jacket
• Composite Constructions • FT4/IEEE 1202
• ICEA E-1 or Method 4 Color Code
- INDUSTRY APPROVALS:** • UL 1277 Type TC-ER • UL 1581
• UL 1685 • IEEE 383 flame test (70,000 btu)
• ICEA S-73-532 • ICEA S-95-658 (NEMA WC70)
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
791862	18	2	7/.0152	0.030	0.76	0.045	1.14	0.314	7.98	53	79
791863	18	3	7/.0152	0.030	0.76	0.045	1.14	0.331	8.41	65	96
791864	18	4	7/.0152	0.030	0.76	0.045	1.14	0.359	9.13	78	115
791865	18	5	7/.0152	0.030	0.76	0.045	1.14	0.390	9.90	91	135
791867	18	7	7/.0152	0.030	0.76	0.045	1.14	0.422	10.72	115	172
791869	18	9	7/.0152	0.030	0.76	0.045	1.14	0.489	12.42	143	213
791872	18	12	7/.0152	0.030	0.76	0.045	1.14	0.546	13.87	199	297
791662	16	2	7/.0192	0.030	0.76	0.045	1.14	0.338	8.59	62	92
791663	16	3	7/.0192	0.030	0.76	0.045	1.14	0.357	9.07	77	115
791664	16	4	7/.0192	0.030	0.76	0.045	1.14	0.388	9.87	94	140
791665	16	5	7/.0192	0.030	0.76	0.045	1.14	0.422	10.72	111	165
791667	16	7	7/.0192	0.030	0.76	0.045	1.14	0.458	11.63	143	213
791669	16	9	7/.0192	0.030	0.76	0.060	1.52	0.562	14.28	196	292
791672	16	12	7/.0192	0.030	0.76	0.060	1.52	0.626	15.90	246	366

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 94 for Ordering and Color Code information.



Royal® 600V EPR/CPE, Shielded Type TC-ER

-40°C to 90°C Control Cable

TRAY CABLES



- CONDUCTOR:** • 14 AWG - 10 AWG Class B stranded tinned copper per ASTM B-3 and B-8
- INSULATION:** • Flame-retardant Ethylene Propylene Rubber (EPR)
• ICEA Method 1, Table E-2
- CABLE SHIELD:** • 100% coverage, aluminum polyester foil shield
- JACKET:** • Black sunlight and moisture resistant, flame-retardant thermoplastic Chlorinated Polyethylene (CPE)
- LEGEND:** • CCI ROYAL XX AWG X/C SHIELDED TYPE TC-ER E# (UL)
600V 90C DRY/90C WET OIL RES I SUNLIGHT RESISTANT
DIRECT BURIAL
- FEATURES:** • Rated 90°C wet or dry
• Sunlight and weather resistant
• Superior low temperature cold bend characteristics
• Excellent abrasion and chemical resistance
• Flame resistant jacket burns to ash and limited thermoplastic drip

- APPLICATIONS:** • Constructions of 3 or more conductors are permitted by NEC for TC-ER (exposed run)
• Approved for Class 1 Division 2 hazardous locations per NEC Article 501 (TC)
• Designed for use in conduit, cable tray or direct burial
• Developed for use in industrial and utility applications where reliability and performance are paramount
• NEC Article 336 applications

- OPTIONS:** • Bare copper • Thermoset CPE Jacket
• Composite Constructions • FT4/IEEE 1202
• ICEA E-1 or Method 4 Color Code

- INDUSTRY APPROVALS:** • UL 1277 Type TC-ER • UL 1581
• UL 1685 • IEEE 383 flame test (70,000 btu)
• ICEA S-73-532 • ICEA S-95-658 (NEMA WC70)
• EPA 40 CFR, Part 261, Subpart C,
heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
791462	14	2	7/0242	0.030	0.76	0.045	1.14	0.366	9.30	77	114
791463	14	3	7/0242	0.030	0.76	0.045	1.14	0.387	9.84	98	146
791464	14	4	7/0242	0.030	0.76	0.045	1.14	0.422	10.73	120	179
791465	14	5	7/0242	0.030	0.76	0.045	1.14	0.460	11.68	143	213
791467	14	7	7/0242	0.030	0.76	0.045	1.14	0.500	12.70	188	280
791472	14	12	7/0242	0.030	0.76	0.045	1.14	0.684	17.38	321	477
791262	12	2	7/0305	0.030	0.76	0.045	1.14	0.406	10.31	100	149
791263	12	3	7/0305	0.030	0.76	0.045	1.14	0.431	10.94	131	194
791264	12	4	7/0305	0.030	0.76	0.045	1.14	0.471	11.96	162	242
791265	12	5	7/0305	0.030	0.76	0.045	1.14	0.514	13.05	208	310
791267	12	7	7/0305	0.030	0.76	0.060	1.52	0.590	14.99	275	409
791272	12	12	7/0305	0.030	0.76	0.060	1.52	0.767	19.48	439	653
791062	10	2	7/0385	0.030	0.76	0.045	1.14	0.452	11.48	133	197
791063	10	3	7/0385	0.030	0.76	0.045	1.14	0.480	12.20	176	262
791064	10	4	7/0385	0.030	0.76	0.060	1.52	0.556	14.13	234	349
791065	10	5	7/0385	0.030	0.76	0.060	1.52	0.606	15.39	280	417
791067	10	7	7/0385	0.030	0.76	0.060	1.52	0.659	16.74	374	557

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

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Royal® 600V EPR/CPE, Type TC-ER

-30°C to 90°C Power Cable

TRAY CABLES



- CONDUCTOR:** • 8 AWG - 1 AWG Class B stranded tinned copper per ASTM B-33 and B-8
- INSULATION:** • Flame-retardant Ethylene Propylene Rubber (EPR)
• ICEA Method 4--black and printed with conductor number
- GROUND:** • Uninsulated Class B stranding per ASTM B-3 and B-8
- JACKET:** • Black sunlight and moisture resistant, flame-retardant thermoplastic Chlorinated Polyethylene (CPE)
- LEGEND:** • CCI ROYAL XX AWG X/C EPR/CPE TYPE TC-ER E79496 (UL) 600V 90C DRY/90C WET OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL FT4/IEEE --- SEQUENTIAL MARKING

- FEATURES:** • Rated 90°C wet or dry
• Sunlight and weather resistant
• Superior low temperature cold bend characteristics
• Excellent abrasion and chemical resistance
• Flame resistant jacket burns to ash and limited thermoplastic drip

- APPLICATIONS:** • Constructions of 3 or more conductors are permitted by NEC for TC-ER (exposed run)
• Approved for Class 1 Division 2 hazardous locations per NEC Article 501 (TC)
• Designed for use in conduit, cable tray or direct burial
• Developed for use in industrial and utility applications where reliability and performance are paramount
• NEC Article 336 applications

- OPTIONS:** • Bare copper • Thermoset CPE Jacket
• Shielding • Insulated Ground
• Composite Constructions • FT4/IEEE 1202

- INDUSTRY APPROVALS:** • UL Standard 1277 Type TC-ER • NEC Article 336
• IEEE 383 Flame Test (70,000 btu) • UL 1685 Flame Test
• FT4/IEEE 1202 Flame Test • ICEA S-73-532
• ICEA S-95-658 (NEMA WC70)
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Cond.	Stranding	Ground	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
					in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
791515	8	3	7/0.0486	1 x 10 AWG	0.030	0.76	0.060	1.52	0.647	16.43	398	592
791516	8	4	7/0.0486	1 x 10 AWG	0.030	0.76	0.060	1.52	0.724	18.39	408	607
791517	6	3	7/0.0612	1 x 8 AWG	0.030	0.76	0.060	1.52	0.724	18.39	486	723
791518	6	4	7/0.0612	1 x 8 AWG	0.030	0.76	0.060	1.52	0.816	20.73	586	872
791519	4	3	7/0.0772	1 x 8 AWG	0.040	1.02	0.080	2.03	0.853	21.67	666	991
791520	4	4	7/0.0772	1 x 8 AWG	0.040	1.02	0.080	2.03	0.936	23.77	869	1293
791521	2	3	7/0.0974	1 x 6 AWG	0.040	1.02	0.080	2.03	0.978	24.84	991	1475
791522	2	4	7/0.0974	1 x 6 AWG	0.040	1.02	0.080	2.03	1.123	28.52	1324	1970
791503	1	3	7/0.0664	1 x 6 AWG	0.060	1.52	0.085	2.16	1.162	29.51	1324	1970
791504	1	4	7/0.0664	1 x 6 AWG	0.060	1.52	0.085	2.16	1.279	32.49	1629	2424

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 94 for Ordering and Color Code information.



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Royal® 600V EPR/CPE, Type TC-ER

-30°C to 90°C Power Cable

TRAY CABLES



- CONDUCTOR:** • 1/0 AWG - 500 MCM Class B stranded tinned copper per ASTM B-33 and B-8
- INSULATION:** • Flame-retardant Ethylene Propylene Rubber (EPR)
• ICEA Method 4--black and printed with conductor number
- GROUND:** • Uninsulated Class B stranding per ASTM B-3 and B-8
- JACKET:** • Black sunlight and moisture resistant, flame-retardant thermoplastic Chlorinated Polyethylene (CPE)
- LEGEND:** • CCI ROYAL XX AWG X/C EPR/CPE TYPE TC-ER E79496 (UL) 600V 90C DRY/90C WET OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL FT4/IEEE --- SEQUENTIAL MARKING
- FEATURES:** • Rated 90°C wet or dry
• Sunlight and weather resistant
• Superior low temperature cold bend characteristics
• Excellent abrasion and chemical resistance
• Flame resistant jacket burns to ash and limited thermoplastic drip

- APPLICATIONS:** • Constructions of 3 or more conductors are permitted by NEC for TC-ER (exposed run)
• Approved for Class 1 Division 2 hazardous locations per NEC Article 501 (TC)
• Designed for use in conduit, cable tray or direct burial
• Developed for use in industrial and utility applications where reliability and performance are paramount
• NEC Article 336 applications

- OPTIONS:**
- Bare copper
 - Shielding
 - Composite Constructions
 - Thermoset CPE Jacket
 - Insulated Ground
 - FT4/IEEE 1202

- INDUSTRY APPROVALS:**
- UL Standard 1277 Type TC-ER
 - IEEE 383 Flame Test (70,000 btu)
 - FT4/IEEE 1202 Flame Test
 - ICEA S-95-658 (NEMA WC70)
 - EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method
 - NEC Article 336
 - UL 1685 Flame Test
 - ICEA S-73-532

Part Number	Gauge	No. Cond.	Stranding	Ground	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
					in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
792503	1/0	3	19/0.0745	1 x 6 AWG	0.060	1.52	0.085	2.16	1.216	30.89	1531	2278
792504	1/0	4	19/0.0745	1 x 6 AWG	0.060	1.52	0.085	2.16	1.357	34.47	1967	2927
791703	2/0	3	19/0.0837	1 x 6 AWG	0.060	1.52	0.085	2.16	1.329	33.76	1850	2753
791704	2/0	4	19/0.0837	1 x 6 AWG	0.060	1.52	0.085	2.16	1.464	37.19	2363	3517
792303	3/0	3	19/0.0940	1 x 4 AWG	0.060	1.52	0.085	2.16	1.437	36.50	2274	3384
791903	4/0	3	19/0.1055	1 x 4 AWG	0.060	1.52	0.085	2.16	1.558	39.57	2698	4015
791904	4/0	4	19/0.1055	1 x 4 AWG	0.060	1.52	0.085	2.16	1.740	44.20	3463	5153
792003	250 MCM	3	37/0.0822	1 x 4 AWG	0.070	1.78	0.120	3.05	1.755	44.58	3240	4822
792004	250 MCM	4	37/0.0822	1 x 4 AWG	0.070	1.78	0.120	3.05	1.939	49.25	4179	6219
792103	350 MCM	3	37/0.0974	1 x 3 AWG	0.070	1.78	0.120	3.05	1.990	50.55	4307	6410
792104	350 MCM	4	37/0.0974	1 x 3 AWG	0.070	1.78	0.120	3.05	2.202	55.93	5589	8317
792203	500 MCM	3	37/0.1162	1 x 2 AWG	0.070	1.78	0.120	3.05	2.224	56.49	5872	8738
792204	500 MCM	4	37/0.1162	1 x 2 AWG	0.070	1.78	0.120	3.05	2.464	62.59	7657	11395

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

800.323.9355 • www.colemancable.com

Royal® 600V EPR/LSZH Type TC-ER

-40°C to 90°C Control Cable

TRAY CABLES



- CONDUCTOR:** • 18 AWG - 10 AWG Class B stranded tinned copper per ASTM B-33 and B-8
- INSULATION:** • Flame-retardant Ethylene Propylene Rubber (EPR)
• ICEA Method 1, Table E-2
- GROUND:** • Uninsulated Class B stranding per ASTM B-3 and B-8
- JACKET:** • Black sunlight and moisture resistant, flame-retardant low-smoke, zero-halogen jacket
- LEGEND:** • CCI ROYAL XX AWG X/C TYPE TC LS-ER E# (UL) 600V 90C DRY/90C WET OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL
• 16 AWG and larger are Direct Burial
- FEATURES:** • Rated 90°C wet or dry
• Sunlight and weather resistant
• Superior low temperature cold bend characteristics
• Excellent abrasion and chemical resistance
• Low smoke zero-halogen jacket insures limited out-gassing in case of fire
- APPLICATIONS:** • Approved for Class 1 Division 2 hazardous locations per NEC Article 501 (TC)
• Designed for use in conduit, cable tray or direct burial
• NEC Article 336 applications
- OPTIONS:** • Bare copper • FT4/IEEE 1202
• Shielding • Composite Constructions
• ICEA E-1 or Method 4 Color Code
- INDUSTRY APPROVALS:** • UL 1277 Type TC-ER/LS • UL 1581
• UL 1685 • IEEE 383 flame test (70,000 btu)
• ICEA S-73-532 • ICEA S-95-658 (NEMA WC70)
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
751892	18	2 Flat	7/.0152	0.030	0.76	0.045	1.14	0.202 X 0.308	5.131 X 7.823	40	60
751802	18	2	7/.0152	0.030	0.76	0.045	1.14	0.310	7.87	44	65
751803	18	3	7/.0152	0.030	0.76	0.045	1.14	0.327	8.31	55	82
751804	18	4	7/.0152	0.030	0.76	0.045	1.14	0.355	9.03	67	100
751805	18	5	7/.0152	0.030	0.76	0.045	1.14	0.386	9.79	80	119
751807	18	7	7/.0152	0.030	0.76	0.045	1.14	0.418	10.62	103	154
751809	18	9	7/.0152	0.030	0.76	0.045	1.14	0.485	12.32	129	192
751812	18	12	7/.0152	0.030	0.76	0.045	1.14	0.542	13.77	180	268
751815	18	15	7/.0152	0.030	0.76	0.060	1.52	0.632	16.04	217	323
751819	18	19	7/.0152	0.030	0.76	0.060	1.52	0.664	16.87	261	388

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

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Royal® 600V EPR/LSZH Type TC-ER

-40°C to 90°C Control Cable

TRAY CABLES

Part Number	Gauge	No. Cond.	Stranding	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
751692	16	2 Flat	7/0192	0.030	0.76	0.045	1.14	0.214 X 0.334	5.436 X 8.484	53	79
751602	16	2	7/0192	0.030	0.76	0.045	1.14	0.334	8.48	53	79
751603	16	3	7/0192	0.030	0.76	0.045	1.14	0.353	8.97	68	102
751604	16	4	7/0192	0.030	0.76	0.045	1.14	0.384	9.76	85	126
751605	16	5	7/0192	0.030	0.76	0.045	1.14	0.418	10.62	101	150
751607	16	7	7/0192	0.030	0.76	0.045	1.14	0.454	11.53	133	198
751609	16	9	7/0192	0.030	0.76	0.060	1.52	0.558	14.18	183	272
751612	16	12	7/0192	0.030	0.76	0.060	1.52	0.622	15.80	231	344
751615	16	15	7/0192	0.030	0.76	0.060	1.52	0.688	17.48	280	417
751619	16	19	7/0192	0.030	0.76	0.060	1.52	0.724	18.39	339	504
751625	16	25	7/0192	0.030	0.76	0.080	2.03	0.884	22.45	469	697
751630	16	30	7/0192	0.030	0.76	0.080	2.03	0.933	23.70	545	810
751637	16	37	7/0192	0.030	0.76	0.080	2.03	1.004	25.50	819	1218
751492	14	2 Flat	7/0242	0.030	0.76	0.045	1.14	0.228 X 0.362	5.791 x 9.195	82	122
751402	14	2	7/0242	0.030	0.76	0.045	1.14	0.362	9.19	73	109
751422	14	2 W/GND	7/0242	0.030	0.76	0.045	1.14	0.362	9.19	86	128
751423	14	3 W/GND	7/0242	0.030	0.76	0.045	1.14	0.383	9.74	107	160
751403	14	3	7/0242	0.030	0.76	0.045	1.14	0.383	9.74	95	141
751404	14	4	7/0242	0.030	0.76	0.045	1.14	0.418	10.62	118	175
751405	14	5	7/0242	0.030	0.76	0.045	1.14	0.456	11.58	141	210
751407	14	7	7/0242	0.030	0.76	0.045	1.14	0.496	12.60	187	278
751409	14	9	7/0242	0.030	0.76	0.060	1.52	0.609	15.47	256	381
751412	14	12	7/0242	0.030	0.76	0.062	1.57	0.680	17.27	325	484
751415	14	15	7/0242	0.030	0.76	0.060	1.52	0.754	19.15	395	587
751419	14	19	7/0242	0.030	0.76	0.060	1.52	0.794	20.17	479	713
751425	14	25	7/0242	0.030	0.76	0.080	2.03	0.968	24.59	660	982
751430	14	30	7/0242	0.030	0.76	0.060	1.52	0.983	24.97	769	1144
751437	14	37	7/0242	0.030	0.76	0.080	2.03	1.102	27.99	1342	1997
751292	12	2 Flat	7/0305	0.030	0.76	0.045	1.14	0.248 X 0.402	6.299 x 10.211	90	134
751202	12	2	7/0305	0.030	0.76	0.045	1.14	0.402	10.21	90	134
751203	12	3	7/0305	0.030	0.76	0.045	1.14	0.427	10.84	121	179
751223	12	3 W/GND	7/0305	0.030	0.76	0.045	1.14	0.427	10.84	141	210
751205	12	5	7/0305	0.030	0.76	0.045	1.14	0.510	12.95	173	258
751207	12	7	7/0305	0.030	0.76	0.045	1.14	0.556	14.12	200	298
751209	12	9	7/0305	0.030	0.76	0.060	1.52	0.681	17.31	267	397
751212	12	12	7/0305	0.030	0.76	0.060	1.52	0.763	19.38	336	501
751215	12	15	7/0305	0.030	0.76	0.060	1.52	0.848	21.53	433	645
751219	12	19	7/0305	0.030	0.76	0.080	2.03	0.938	23.83	564	840
751225	12	25	7/0305	0.030	0.76	0.080	2.03	1.092	27.74	691	1029
751230	12	30	7/0305	0.030	0.76	0.080	2.03	1.155	29.34	1046	1557
751237	12	37	7/0305	0.030	0.76	0.080	2.03	1.246	31.65	1610	2395
751092	10	2 Flat	7/0385	0.030	0.76	0.045	1.14	0.271 X 0.448	6.883 X 11.379	120	179
751002	10	2	7/0385	0.030	0.76	0.045	1.14	0.448	11.38	120	179
751003	10	3	7/0385	0.030	0.76	0.045	1.14	0.476	12.10	165	245
751005	10	5	7/0385	0.030	0.76	0.060	1.52	0.602	15.29	273	407
751007	10	7	7/0385	0.030	0.76	0.060	1.52	0.655	16.64	369	549
751009	10	9	7/0385	0.030	0.76	0.060	1.52	0.765	19.42	467	694
751012	10	12	7/0385	0.030	0.76	0.080	2.03	0.899	22.82	639	951

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

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Royal® 600V EPR/LSZH Type TC-ER

-40°C to 90°C Power Cable

TRAY CABLES



- CONDUCTOR:** • 8 AWG - 1 AWG Class B stranded tinned copper per ASTM B-33 and B-8
- INSULATION:** • Flame-retardant Ethylene Propylene Rubber (EPR)
• ICEA Method 4--black and printed with conductor number
- GROUND:** • Uninsulated Class B stranding per ASTM B-3 and B-8
- JACKET:** • Black sunlight and moisture resistant, flame-retardant low-smoke, zero-halogen jacket
- LEGEND:** • CCI ROYAL XX AWG X/C TYPE TC LS-ER E# (UL) 600V 90C DRY/90C WET OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL
- FEATURES:** • Rated 90°C wet or dry
• Sunlight and weather resistant
• Superior low temperature cold bend characteristics
• Excellent abrasion and chemical resistance
• Low smoke zero-halogen jacket insures limited out-gassing in case of fire
• Low coefficient of friction insures ease of pulling

- APPLICATIONS:** • Constructions of 3 or more conductors are permitted by NEC for TC-ER (exposed run)
• Approved for Class 1 Division 2 hazardous locations per NEC Article 501 (TC)
• Designed for use in conduit, cable tray or direct burial
• Developed for use in industrial and utility applications where reliability and performance are paramount
• NEC Article 336 applications

- OPTIONS:** • Bare copper • Insulated Ground
• Composite Constructions • FT4/IEEE 1202
• ICEA E-1 or E-2 Color Code

- INDUSTRY APPROVALS:** • UL 1277 Type TC-ER/LS • UL 1581
• UL 1685 • IEEE 383 flame test (70,000 btu)
• ICEA S-73-532 • ICEA S-95-658 (NEMA WC70)
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Cond.	Stranding	Ground	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
					in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
750803	8	3	7/.0486	1 X 10 AWG	0.030	0.76	0.060	1.52	0.603	15.32	292	435
750804	8	4	7/.0486	1 X 10 AWG	0.030	0.76	0.060	1.52	0.664	16.87	364	542
750603	6	3	7/.0612	1 X 8 AWG	0.030	0.76	0.060	1.52	0.681	17.30	424	631
750604	6	4	7/.0612	1 X 8 AWG	0.030	0.76	0.060	1.52	0.748	18.00	532	792
750403	4	3	7/.0772	1 X 8 AWG	0.040	1.02	0.080	2.03	0.877	22.28	658	979
750404	4	4	7/.0772	1 X 8 AWG	0.040	1.02	0.080	2.03	0.962	24.43	831	1237
750203	2	3	7/.0974	1 X 6 AWG	0.040	1.02	0.080	2.03	1.000	25.40	967	1439
750204	2	4	7/.0974	1 X 6 AWG	0.040	1.02	0.080	2.03	1.107	28.12	1228	1827
750103	1	3	19/.0664	1 X 6 AWG	0.060	1.52	0.085	2.16	1.144	29.06	1216	1809
750104	1	4	19/.0664	1 X 6 AWG	0.060	1.52	0.085	2.16	1.261	32.03	1554	2312

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

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Royal® 600V EPR/LSZH Type TC-ER

-40°C to 90°C Power Cable

TRAY CABLES



- CONDUCTOR:** • 1/0 AWG - 500 MCM Class B stranded tinned copper per ASTM B-33 and B-8
- INSULATION:** • Flame-retardant Ethylene Propylene Rubber (EPR)
• ICEA Method 4--black and printed with conductor number
- GROUND:** • Uninsulated Class B stranding per ASTM B-3 and B-8
- JACKET:** • Black sunlight and moisture resistant, flame-retardant low-smoke, zero-halogen jacket
- LEGEND:** • CCI ROYAL XX AWG X/C TYPE TC LS-ER E# (UL)
600V 90C DRY/90C WET OIL RES I SUNLIGHT
RESISTANT DIRECT BURIAL
- FEATURES:** • Rated 90°C wet or dry
• Sunlight and weather resistant
• Superior low temperature cold bend characteristics
• Excellent abrasion and chemical resistance
• Low smoke zero-halogen jacket insures limited out-gassing in case of fire
• Low coefficient of friction insures ease of pulling
- APPLICATIONS:** • Constructions of 3 or more conductors are permitted by NEC for TC-ER (exposed run)
• Approved for Class 1 Division 2 hazardous locations per NEC Article 501 (TC)
• Designed for use in conduit, cable tray or direct burial
• Developed for use in industrial and utility applications where reliability and performance are paramount
• NEC Article 336 applications
- OPTIONS:** • Bare copper • Insulated Ground
• Composite Constructions • FT4/IEEE 1202
• ICEA E-1 or E-2 Color Code
- INDUSTRY APPROVALS:** • UL 1277 Type TC-ER/LS • UL 1581
• UL 1685 • IEEE 383 flame test (70,000 btu)
• ICEA S-73-532 • ICEA S-95-658 (NEMA WC70)
• EPA 40 CFR, Part 261, Subpart C,
heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Cond.	Stranding	Ground	Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
					in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
751003	1/0	3	19/.0745	1 X 6 AWG	0.060	1.52	0.085	2.16	1.230	31.24	1430	2129
751004	1/0	4	19/.0745	1 X 6 AWG	0.060	1.52	0.085	2.16	1.331	33.81	1832	2726
752003	2/0	3	19/.0837	1 X 6 AWG	0.060	1.52	0.085	2.16	1.336	33.93	1729	2572
752004	2/0	4	19/.0837	1 X 6 AWG	0.060	1.52	0.085	2.16	1.476	37.49	2230	3319
753003	3/0	3	19/.0940	1 X 4 AWG	0.060	1.52	0.085	2.16	1.442	36.63	2144	3190
754003	4/0	3	19/.1055	1 X 4 AWG	0.060	1.52	0.085	2.16	1.740	44.20	3403	5064
754004	4/0	4	19/.1055	1 X 4 AWG	0.060	1.52	0.085	2.16	1.808	45.92	3976	5917
752503	250 MCM	3	37/.0822	1 X 4 AWG	0.070	1.78	0.120	3.05	1.857	47.17	3014	4485
752504	250 MCM	4	37/.0822	1 X 4 AWG	0.070	1.78	0.120	3.05	1.615	41.02	4038	6008
753503	350 MCM	3	37/.0974	1 X 3 AWG	0.070	1.78	0.120	3.05	2.222	56.44	4254	6331
753504	350 MCM	4	37/.0974	1 X 3 AWG	0.070	1.78	0.120	3.05	2.009	51.03	5519	8213
755003	500 MCM	3	37/.1162	1 X 2 AWG	0.070	1.78	0.120	3.05	2.294	58.27	5846	8700
755004	500 MCM	4	37/.1162	1 X 2 AWG	0.070	1.78	0.120	3.05	2.541	64.54	7612	11328

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

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Royal® 600V 20/10 PE/PVC/PVC

-25°C to 75°C Control Cable

TRAY CABLES



- CONDUCTOR:** • 14 AWG - 10 AWG; Class B stranded bare copper per ASTM B-3 and B-8
- INSULATION:** • HMW Polyethylene with an overall insulation jacket of color-coded Polyvinyl Chloride (PVC) per ICEA Method 1, Table E-1
- JACKET:** • Sunlight resistant and flame-retardant Polyvinyl Chloride (PVC) jacket
- LEGEND:** • CCI ROYAL XXAWG X/C 2010 SUBSTATION 600V 75C
- FEATURES:** • Rated 600V at 75°C
• High molecular weight polyethylene provides excellent chemical and electrical properties
- APPLICATIONS:** • Developed for control circuits in substations, power generation control rooms, and other industrial and utility applications
• Can be installed in cable trays, ducts or conduit, and Class 1 Division 2 hazardous locations
• Good general purpose control cable where sunlight and flame resistance are required
- OPTIONS:** • Consult factory for additional cable constructions including flexible stranding, shielding, and armored constructions.
• Non-stock item, minimums may apply
- INDUSTRY APPROVALS:** • ICEA S-73-532 • NEMA WC57
• EPA 40 CFR, Part 261, Subpart C, heavy metals per Table 1, TCLP method

Part Number	Gauge	No. Cond.	Stranding	PE Insulation Thickness		PVC Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
591401	14	1	7/.0242	0.030	0.75	0.015	0.38			0.162	0.24	20	29
591492	14	2 Flat	7/.0242	0.020	0.51	0.010	0.25	0.045	1.14	0.222 x 0.354	5.64 x 8.99	64	96
591403	14	3	7/.0242	0.020	0.51	0.010	0.25	0.045	1.14	0.388	0.58	89	133
591404	14	4	7/.0242	0.020	0.51	0.010	0.25	0.060	1.52	0.423	0.63	109	162
591405	14	5	7/.0242	0.020	0.51	0.010	0.25	0.060	1.52	0.461	0.69	134	199
591406	14	6	7/.0242	0.020	0.51	0.010	0.25	0.060	1.52	0.502	0.75	153	228
591407	14	7	7/.0242	0.020	0.51	0.010	0.25	0.060	1.52	0.502	0.75	168	250
591408	14	8	7/.0242	0.020	0.51	0.010	0.25	0.060	1.52	0.574	0.85	213	318
591409	14	9	7/.0242	0.020	0.51	0.010	0.25	0.060	1.52	0.616	0.92	243	362
591410	14	10	7/.0242	0.020	0.51	0.010	0.25	0.080	2.03	0.668	0.99	257	383
591411	14	11	7/.0242	0.020	0.51	0.010	0.25	0.080	2.03	0.668	0.99	277	413
591412	14	12	7/.0242	0.020	0.51	0.010	0.25	0.080	2.03	0.688	1.02	292	435
591413	14	13	7/.0242	0.020	0.51	0.010	0.25	0.080	2.03	0.724	1.08	317	471
591414	14	14	7/.0242	0.020	0.51	0.010	0.25	0.080	2.03	0.724	1.08	332	494
591415	14	15	7/.0242	0.020	0.51	0.010	0.25	0.080	2.03	0.763	1.14	366	545
591416	14	16	7/.0242	0.020	0.51	0.010	0.25	0.080	2.03	0.763	1.14	376	560
591417	14	17	7/.0242	0.020	0.51	0.010	0.25	0.080	2.03	0.804	1.20	401	597
591418	14	18	7/.0242	0.020	0.51	0.010	0.25	0.080	2.03	0.804	1.20	416	619
591419	14	19	7/.0242	0.020	0.51	0.010	0.25	0.080	2.03	0.804	1.20	431	641
591420	14	20	7/.0242	0.020	0.51	0.010	0.25	0.080	2.03	0.886	1.32	485	722
591423	14	23	7/.0242	0.020	0.51	0.010	0.25	0.080	2.03	0.928	1.38	569	847
591425	14	25	7/.0242	0.020	0.51	0.010	0.25	0.080	2.03	0.980	1.46	599	891
591427	14	27	7/.0242	0.020	0.51	0.010	0.25	0.080	2.03	1.000	1.49	658	980
591429	14	29	7/.0242	0.020	0.51	0.010	0.25	0.080	2.03	1.036	1.54	698	1039
591431	14	31	7/.0242	0.020	0.51	0.010	0.25	0.080	2.03	1.075	1.60	743	1105
591432	14	32	7/.0242	0.020	0.51	0.010	0.25	0.080	2.03	1.075	1.60	767	1142
591437	14	37	7/.0242	0.020	0.51	0.010	0.25	0.080	2.03	1.116	1.66	832	1238

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 94 for Ordering and Color Code information.



Coleman Cable Inc.

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Royal® 600V 20/10 PE/PVC/PVC

-25°C to 75°C Control Cable

TRAY CABLES

Part Number	Gauge	No. Cond.	Stranding	PE Insulation Thickness		PVC Insulation Thickness		Jacket Thickness		Nominal OD		Weight	
				in.	mm.	in.	mm.	in.	mm.	in.	mm.	lbs./mft	kg/km
591201	12	1	7/0305	0.030	0.75	0.015	0.38			0.182	0.27	30	44
591292	12	2 Flat	7/0305	0.020	0.51	0.010	0.25	0.045	1.14	0.242 x 0.394	6.15 x 10.00	79	118
591203	12	3	7/0305	0.020	0.51	0.010	0.25	0.045	1.14	0.431	0.64	119	177
591204	12	4	7/0305	0.020	0.51	0.010	0.25	0.060	1.52	0.472	0.70	149	221
591205	12	5	7/0305	0.020	0.51	0.010	0.25	0.060	1.52	0.515	0.77	178	265
591206	12	6	7/0305	0.020	0.51	0.010	0.25	0.060	1.52	0.592	0.88	218	324
591207	12	7	7/0305	0.020	0.51	0.010	0.25	0.060	1.52	0.592	0.88	248	368
591208	12	8	7/0305	0.020	0.51	0.010	0.25	0.060	1.52	0.640	0.95	287	427
591209	12	9	7/0305	0.020	0.51	0.010	0.25	0.060	1.52	0.689	1.02	327	486
591210	12	10	7/0305	0.020	0.51	0.010	0.25	0.080	2.03	0.748	1.11	356	530
591211	12	11	7/0305	0.020	0.51	0.010	0.25	0.080	2.03	0.748	1.11	381	567
591212	12	12	7/0305	0.020	0.51	0.010	0.25	0.080	2.03	0.771	1.15	401	597
591213	12	13	7/0305	0.020	0.51	0.010	0.25	0.080	2.03	0.812	1.21	441	656
591214	12	14	7/0305	0.020	0.51	0.010	0.25	0.080	2.03	0.812	1.21	465	692
591215	12	15	7/0305	0.020	0.51	0.010	0.25	0.080	2.03	0.857	1.28	545	810
591216	12	16	7/0305	0.020	0.51	0.010	0.25	0.080	2.03	0.897	1.34	554	825
591217	12	17	7/0305	0.020	0.51	0.010	0.25	0.080	2.03	0.944	1.40	604	899
591218	12	18	7/0305	0.020	0.51	0.010	0.25	0.080	2.03	0.944	1.40	619	921
591219	12	19	7/0305	0.020	0.51	0.010	0.25	0.080	2.03	0.944	1.40	634	943
591220	12	20	7/0305	0.020	0.51	0.010	0.25	0.080	2.03	0.992	1.48	678	1009
591223	12	23	7/0305	0.020	0.51	0.010	0.25	0.080	2.03	1.041	1.55	767	1142
591225	12	25	7/0305	0.020	0.51	0.010	0.25	0.080	2.03	1.100	1.64	832	1238
591227	12	27	7/0305	0.020	0.51	0.010	0.25	0.080	2.03	1.123	1.67	891	1326
591229	12	29	7/0305	0.020	0.51	0.010	0.25	0.080	2.03	1.164	1.73	941	1400
591231	12	31	7/0305	0.020	0.51	0.010	0.25	0.080	2.03	1.209	1.80	1005	1495
591232	12	32	7/0305	0.020	0.51	0.010	0.25	0.080	2.03	1.209	1.80	1044	1554
591237	12	37	7/0305	0.020	0.51	0.010	0.25	0.080	2.03	1.256	1.87	1198	1783
591001	10	1	7/0385	0.030	0.75	0.015	0.38			0.205	0.31	45	66
591092	10	2 Flat	7/0385	0.020	0.51	0.010	0.25	0.045	1.14	0.270 x 0.450	6.86 x 11.43	114	169
591003	10	3	7/0385	0.020	0.51	0.010	0.25	0.045	1.14	0.481	0.72	163	243
591004	10	4	7/0385	0.020	0.51	0.010	0.25	0.060	1.52	0.557	0.83	228	339
591005	10	5	7/0385	0.020	0.51	0.010	0.25	0.060	1.52	0.607	0.90	277	413
591006	10	6	7/0385	0.020	0.51	0.010	0.25	0.060	1.52	0.661	0.98	317	471
591007	10	7	7/0385	0.020	0.51	0.010	0.25	0.060	1.52	0.661	0.98	351	523
591008	10	8	7/0385	0.020	0.51	0.010	0.25	0.060	1.52	0.716	1.07	411	611
591009	10	9	7/0385	0.020	0.51	0.010	0.25	0.060	1.52	0.772	1.15	470	700
591010	10	10	7/0385	0.020	0.51	0.010	0.25	0.080	2.03	0.880	1.31	530	788
591011	10	11	7/0385	0.020	0.51	0.010	0.25	0.080	2.03	0.880	1.31	574	854
591012	10	12	7/0385	0.020	0.51	0.010	0.25	0.080	2.03	0.907	1.35	609	906
591013	10	13	7/0385	0.020	0.51	0.010	0.25	0.080	2.03	0.953	1.42	663	987
591014	10	14	7/0385	0.020	0.51	0.010	0.25	0.080	2.03	0.953	1.42	703	1046
591015	10	15	7/0385	0.020	0.51	0.010	0.25	0.080	2.03	1.005	1.50	752	1120
591016	10	16	7/0385	0.020	0.51	0.010	0.25	0.080	2.03	1.005	1.50	792	1179
591017	10	17	7/0385	0.020	0.51	0.010	0.25	0.080	2.03	1.059	1.58	861	1282
591018	10	18	7/0385	0.020	0.51	0.010	0.25	0.080	2.03	1.059	1.58	886	1319
591019	10	19	7/0385	0.020	0.51	0.010	0.25	0.080	2.03	1.059	1.58	911	1355
591020	10	20	7/0385	0.020	0.51	0.010	0.25	0.080	2.03	1.114	1.66	970	1444
591023	10	23	7/0385	0.020	0.51	0.010	0.25	0.080	2.03	1.170	1.74	1114	1657
591025	10	25	7/0385	0.020	0.51	0.010	0.25	0.080	2.03	1.238	1.84	1238	1842
591027	10	27	7/0385	0.020	0.51	0.010	0.25	0.080	2.03	1.265	1.88	1317	1959
591029	10	29	7/0385	0.020	0.51	0.010	0.25	0.080	2.03	1.311	1.95	1356	2018
591031	10	31	7/0385	0.020	0.51	0.010	0.25	0.080	2.03	1.363	2.03	1495	2225
591032	10	32	7/0385	0.020	0.51	0.010	0.25	0.080	2.03	1.363	2.03	1549	2306
591037	10	37	7/0385	0.020	0.51	0.010	0.25	0.080	2.03	1.417	2.11	1737	2585

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.



Coleman Cable Inc.

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Seoprene® Compact 600®

-40°C to 90°C 600V, Reduced Diameter Flexing/Control Cable

TRAY CABLES



- CONDUCTOR:**
- 18 AWG – 12 AWG fully annealed stranded bare copper
 - Class K stranding per ASTM B 174
- INSULATION:**
- Industrial grade Polyvinyl Chloride (PVC)
 - Nylon-armored protective sheath
- JACKET:**
- Water, sunlight, and oil resistant Seoprene® Thermoplastic Elastomer (TPE)
 - Temperature range: -40°C to 90°C
- LEGEND:**
- CCI (SIZE) COMPACT 600V TFFN (OR THHN) E79406 (UL) TYPE TC 90C OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL
- FEATURES:**
- Specially engineered reduced diameter makes this cable ideal for tight or restricted areas
 - Nylon-armored conductors reduce stress and fatigue during continuous flexing
- APPLICATIONS:**
- Cranes and hoists
 - High-flexing robotic systems
 - Pendant and reels
- INDUSTRY APPROVALS:**
- UL Standard 1277
 - RoHS

CONDUCTOR DATA:

Size AWG	Strands No. / O.D. (inches)	PVC Insul. (inches)	Nylon Armor (inches)	Approx. O.D. (inches)
18	16/.0100	0.015	0.004	0.088
16	19/.0117	0.015	0.004	0.097
14	19/.0147	0.015	0.004	0.112
12	19/.0185	0.015	0.004	0.131

No. Cond.	18 AWG TFFN Conductors			16 AWG TFFN Conductors			14 AWG THHN Conductors			12 AWG THHN Conductors		
	Part No.	Nom. OD	Weight lbs./mft	Part No.	Nom. OD	Weight lbs./mft	Part No.	Nom. OD	Weight lbs./mft	Part No.	Nom. OD	Weight lbs./mft
5	60505	0.355	68	60506	0.385	107	60507	0.410	116	60508	0.482	158
6	60605	0.380	79	60606	0.419	103	60607	0.446	141	60608	0.525	198
7	60705	0.380	85	60706	0.415	125	60707	0.468	160	60708	0.546	228
8	60805	0.408	97	60806	0.444	128	60807	0.481	177	60808	0.595	261
10	61005	0.470	122	61006	0.515	161	61007	0.614	239	61008	0.690	324
12	61205	0.484	137	61206	0.565	197	61207	0.606	261	61208	0.710	380
14	61405	0.502	149	61406	0.575	220	61417	0.655	305	61408	0.734	432
16	61605	0.565	180	61606	0.606	243	61607	0.693	337	61608	0.785	487
20	62005	0.611	221	62006	0.680	297	62007	0.759	419	62008	0.895	630
24	62405	0.680	267	62406	0.715	394	62407	0.846	493	62408	1.000	733
30	63005	0.715	338	63006	0.787	428	63007	0.889	601	63008	1.038	908
37	63705	0.770	430	63706	0.891	536	63707	0.982	755	63708	1.160	1106

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

Tinned copper, shielding and other color codes available upon request.
See page 94 for Ordering and Color Code information.



Ordering Guide

Put-Up	Ordering Suffix
Reel / 250 feet	04
Reel / 500 feet	05
Reel / 1,000 feet	06
Reel / 1,500 feet	07
Reel / 2,500 feet	09
Reel / 5,000 feet	10

* Other packaging available. Consult factory.

Color	Ordering Suffix
White	01
Yellow	02
Orange	03
Red	04
Green	05
Blue	06
Brown	07
Black	08
Gray	09
Pink	11
Tan	12
Purple	13

* Other colors and stripe available. Consult factory.

Part Number Convention

X X X X X X — X X — X X

Example:
 If you wish to order: 14/2 THHN PVC Shielded Tray Cable in black on 1000' reel.
 Your order code would be:

7 7 1 4 1 2 — 0 6 — 0 8



Notes

TRAY CABLES





CCI's Copperfield® Brand is the industry leader in UL/CSA appliance, SAE automotive, military and industrial lead wire. Our state of the art production facilities are fully integrated to provide our customers with an array of copper fabrication and extrusion solutions.

Coleman Cable is one of the largest producers and of bare and tinned copper strand in North America. Our copper drawing capabilities range from 36 AWG to 4 AWG solid. Our diverse cabling equipment produces comprehensive bunch and rope constructions ranging from 26 AWG to 1000 MCM.

The Copperfield® brand also offers the broadest range of insulation materials in the industry from PVC, XLPE, EPDM, CPE, TPE, Silicone or Braided Silicone. The Copperfield product line is the most complete lead wire selection in the industry with over 250 UL, CSA, SAE, and Military styles and approvals.

CCI also maintains extensive laboratory facilities that can validate your cable's flame test, submersion, strip force or O.D. tolerance requirements. Regardless of your industry, environment, or application CCI is your lead wire solution.

LEAD WIRE / HOOK-UP WIRE

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COPPERFIELD® UL STYLE 1061

CSA AWM I A/B (S-R PVC)

HOOK-UP WIRE / APPLIANCE WIRE



CONDUCTORS: • 26 AWG - 16 AWG Stranded Tinned Copper per ASTM B-33

INSULATION: • Color-Coded Semi-Rigid Polyvinyl Chloride (S-R PVC)

TEMPERATURE RANGE/

VOLTAGE RATING:

- UL 1061: 80°C/300V
- CSM AWM I A/B: 80°C/300V
- MIL-W-16878/1 Type B: 105°C/600V

FLAME COMPLIANCES:

- UL VW-1
- CSA FT-1

INDUSTRY APPROVALS:

- UL Standard 758 - Style 1061
- CSA AWM I A/B
- MIL-W-16878/1 TYPE B

STANDARD COLORS:

- Black
- Orange
- Blue
- Violet
- White
- Yellow
- Brown
- Green/Yellow
- Red
- Green
- Gray

OPTIONS:

- Stripes available upon request (minimums may apply)
- Other copper constructions available upon request (minimums may apply)

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
F26001	26	7/34	0.009	0.23	0.038	0.97	1.4	2
F24001	24	7/.0076	0.009	0.23	0.045	1.14	2.9	4
F22014	22	7/.0096	0.009	0.23	0.051	1.30	2.8	4
F20059	20	10/30	0.009	0.23	0.058	1.47	4.0	6
F18032	18	16/30	0.009	0.23	0.067	1.70	6.1	9
F16024	16	26/30	0.009	0.23	0.078	1.98	9.3	14

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 127 for Ordering and Color Code information.



COPPERFIELD® UL STYLE 1007/1569/1581

CSA AWM I A/B (PVC)

- CONDUCTORS:**
- 26 AWG - 12 AWG Stranded Tinned Copper per ASTM B-33
 - 24 AWG - 16 AWG Solid Tinned Copper per ASTM B-33
 - 24 AWG - 16 AWG Stranded, Topcoated Copper per ASTM B-33

- INSULATION:**
- Color-Coded Polyvinyl Chloride (PVC)

- TEMPERATURE RANGE/
VOLTAGE RATING:**
- UL 1007, UL 1581: 80°C/300V
 - UL 1569: 105°C/300V

- FLAME COMPLIANCES:**
- UL VW-1
 - CSA FT-1

- INDUSTRY APPROVALS:**
- UL Standard 758 - Styles 1007, 1569, & 1581
 - CSA AWM I A/B, TR-64

- STANDARD COLORS:**
- Black
 - Orange
 - Blue
 - Violet
 - White
 - Yellow
 - Brown
 - Green/Yellow
 - Red
 - Green
 - Gray

- OPTIONS:**
- Stripes available upon request (minimums may apply)
 - Other copper constructions available upon request (minimums may apply)



HOOK-UP WIRE / APPLIANCE WIRE

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		UL Style	CSA Style	Weight	
			in.	mm.	in.	mm.			lbs./mft	kg/km
Stranded Tinned Copper										
F26002	26	7/34	0.016	0.41	0.050	1.27	1007/1569	AWM/TR64	1.8	3
F24002	24	7/.0076	0.016	0.41	0.057	1.45	1007/1569	AWM/TR64	2.5	4
F22021	22	7/.0096	0.016	0.41	0.062	1.57	1007/1569	AWM/TR64	3.3	5
F20030	20	10/30	0.016	0.41	0.067	1.70	1007/1569	AWM/TR64	4.5	7
F18041	18	16/30	0.016	0.41	0.079	2.01	1007/1569	AWM/TR64	6.8	10
F16025	16	26/30	0.016	0.41	0.091	2.31	1007/1569	AWM/TR64	10.2	15
F14028	14	41/30	0.016	0.41	0.110	2.79	1569/1581	AWM/TR64	15.7	23
F12035	12	65/30	0.016	0.41	0.123	3.12	1569/1581	AWM I A/B	23.1	34
Solid Tinned Copper										
F24016	24	SOLID	0.016	0.41	0.052	1.32	1007/1569	AWM/TR64	2.5	4
F22020	22	SOLID	0.015	0.38	0.062	1.57	1007/1569	AWM/TR64	3.3	5
F20029	20	SOLID	0.015	0.38	0.067	1.70	1007/1569	AWM/TR64	4.5	7
F18039	18	SOLID	0.016	0.41	0.079	2.01	1007/1569	AWM/TR64	6.8	10
F16376	16	SOLID	0.016	0.41	0.091	2.31	1007/1569	AWM/TR64	10.2	15
Stranded, Topcoated Copper										
F24013	24	7/32	0.016	0.41	0.057	1.45	1007/1569	AWM/TR64	2.5	4
F22017	22	7/30	0.016	0.41	0.062	1.57	1007/1569	AWM/TR64	3.3	5
F20028	20	10/30	0.016	0.41	0.067	1.70	1007/1569	AWM/TR64	4.5	7
F18037	18	7/.0152	0.016	0.41	0.079	2.01	1007/1569	AWM/TR64	6.8	10
F16377	16	26/30	0.016	0.41	0.091	2.31	1007/1569	AWM/TR64	10.2	15

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 127 for Ordering and Color Code information.



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COPPERFIELD® UL STYLE 1011/1015/1028/1032/ 1230/1231/1335/1344 UL BC-5W2/MTW/THHW

CSA AWM I A/B & TEW (PVC)

HOOK-UP WIRE / APPLIANCE WIRE



- CONDUCTORS:**
- 22 AWG - 8 AWG Stranded Bare Copper per ASTM B-3
 - 22 AWG - 12 AWG Solid Bare Copper per ASTM B-3

- INSULATION:**
- Color-Coded Polyvinyl Chloride (PVC)

- TEMPERATURE RANGE/
VOLTAGE RATING:**
- UL 1015/1011/1028/BC-5W2: 105°C/600V
 - UL MTW: 90°C/300V
 - UL THHW: 14 AWG - 8 AWG
 - CSA AWM I A/B & TEW: 105°C/600V

- FLAME COMPLIANCES:**
- UL VW-1
 - CSA FT-1

- INDUSTRY APPROVALS:**
- UL Standard 758 - Styles 1011/1015/1028/1032/1230/1231/1335/1344
 - UL Standard 1063 - MTW
 - UL Standard 1426 - BC-5W2
 - CSA AWM I A/B & TEW
 - SAE J378

- STANDARD COLORS:**
- Black
 - White
 - Red
 - Orange
 - Yellow
 - Green
 - Blue
 - Brown
 - Gray
 - Violet
 - Green/Yellow

- OPTIONS:**
- Stripes available upon request (minimums may apply)
 - Other copper constructions available upon request (minimums may apply)

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
UL Styles 1011/1015/1032/1230/1335								
F22023	22	7/0076	0.030	0.76	0.091	2.31	5.5	8
F20033	20	10/30	0.030	0.76	0.099	2.51	7.1	11
F18043	18	16/30	0.030	0.76	0.106	2.69	9.3	14
F22155	22	Solid	0.030	0.76	0.087	2.21	5.5	8
F20032	20	Solid	0.030	0.76	0.099	2.51	7.1	11
F18042	18	Solid	0.030	0.76	0.102	2.59	9.3	14
F16026	16	Solid	0.030	0.76	0.114	2.90	13.0	19
F14029	14	Solid	0.030	0.76	0.124	3.15	18.5	28
UL Styles 1011/1015/1032/1230/1335 & UL BC-5W2								
*Also includes UL Style 1032								
F16027	16	26/30	0.030	0.76	0.117	2.97	13.0	19
F14030*	14	19/0147	0.030	0.76	0.132	3.35	22.2	33
F08008	8	133/29	0.045	1.14	0.252	6.40	67.0	100
UL Styles 1011/1015/1032/1230/1335 & UL BC-5W2/THHW								
F14032	14	41/30	0.030	0.76	0.132	3.35	18.5	28
F12022	12	65/30	0.030	0.76	0.151	3.84	26.9	40
F10010	10	105/30	0.030	0.76	0.175	4.45	40.6	60
UL Styles 1011/1028/1032/1230/1344 & UL BC-5W2/THHW								
F08023	8	19/0295	0.045	1.14	0.247	6.27	67.9	101
UL Styles 1028/1231								
F12025	12	19/0185	0.045	1.14	0.184	4.67	32.0	48
F10029	10	19/0185	0.045	1.14	0.202	5.13	46.2	69
UL Styles 1015/1230								
F12055	12	Solid	0.030	0.76	0.145	3.68	26.9	40

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 127 for Ordering and Color Code information.



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COPPERFIELD® UL STYLE 1283/1284/1232/1346/ 1339/10269 UL BC-5W2, MTW or CT TRAY RATED CSA AWM I A/B & TEW (PVC)

CONDUCTORS: • 6 AWG - 750 MCM Stranded Bare Copper

INSULATION: • Color-Coded Polyvinyl Chloride (PVC)

TEMPERATURE RANGE/

VOLTAGE RATING: • UL 1283/1284/1232/1346/1339/BC-5W2: 105°C/600V
• UL 10269: 105°C/1000V
• UL MTW: 90°C/600V
• CSA AWM I A/B & TEW: 105°C/600V

FLAME COMPLIANCES: • UL VW-1
• CSA FT-1

INDUSTRY APPROVALS: • UL Standard 758 - Styles 1232/1283/1284/1339/1346/10269
• UL Standard 1063 - MTW
• UL Standard 83 - THHW
• UL Standard 1426 - BC-5W2: 6 AWG - 4/0 AWG
• CSA AWM I A/B & TEW
• UL CT Tray Rated: 1/0 AWG - 750 MCM
• SAE J1127 Type SGT (6 AWG - 4/0 AWG)

STANDARD COLORS: • Black • Orange • Blue • Violet
• White • Yellow • Brown • Green/Yellow
• Red • Green • Gray

OPTIONS: • Stripes available upon request (minimums may apply)
• Other copper constructions available upon request (minimums may apply)



HOOK-UP WIRE / APPLIANCE WIRE

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
UL Styles 1283/1232/1346/10269 & UL BC-5W2 & THHW								
F06005	6	133/27	0.060	1.52	0.324	8.23	110.0	164
F04053	4	133/25	0.060	1.52	0.387	9.83	153.0	228
F02049	2	133/23	0.060	1.52	0.452	11.48	256.0	381
F01028	1	133/22	0.060	2.03	0.535	13.59	324.0	482
UL Styles 1284/1232/1338/10269 & UL BC-5W2 & THHW & CT Tray Rated								
F1T043	1/0	259/24	0.080	2.03	0.561	14.25	401.0	597
F2T040	2/0	259/23	0.080	2.03	0.625	15.88	485.0	722
F3T034	3/0	259/22	0.080	2.03	0.666	16.92	610.0	908
F4T029	4/0	259/21	0.080	2.03	0.735	18.67	800.0	1191
UL Styles 1284/1339/10269 & UL CT Tray Rated & THHW								
F25006	250 MCM	2451/30	0.094	2.41	0.835	21.21	978.0	1455
51535	350 MCM	3458/30	0.100	2.54	1.045	26.54	1350.0	2009
51540	400 MCM	4123/30	0.100	2.54	1.160	29.46	1475.0	2195
51550	500 MCM	5054/30	0.115	2.92	1.270	32.26	1968.0	2929
51549	750 MCM	7581/30	0.115	2.92	1.380	35.05	2853.0	4246

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 127 for Ordering and Color Code information.



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COPPERFIELD® UL STYLE 1011/1015/1028/1032/ 1230/1231/1335/1344 UL BC-5W2/MTW/THHW CSA AWM I A/B & TEW (PVC)

HOOK-UP WIRE / APPLIANCE WIRE



CONDUCTORS: • 22 AWG - 8AWG Stranded Tinned Copper per ASTM B-33
• 22 AWG - 10 AWG Solid Tinned Copper per ASTM M-33

INSULATION: • Color-Coded Polyvinyl Chloride (PVC)

**TEMPERATURE RANGE/
VOLTAGE RATING:** • UL 1011/1015/1028/BC-5W2: 105°C/600V
• UL MTW: 90°C/600V
• CSA AWM I A/B & TEW: 105°C/600V

FLAME COMPLIANCES: • UL VW-1
• CSA FT-1

INDUSTRY APPROVALS: • UL Standard 758 - Styles 1011/1015/1028/1032/1230/1231/1335/1344
• UL Standard 1063 - MTW
• UL Standard 1426 - BC-5W2: 16 AWG - 8 AWG
• CSA AWM I A/B & TEW
• UL THHW
• UL CT Tray Rated
• SAE J378

STANDARD COLORS: • Black • Orange • Blue • Violet
• White • Yellow • Brown • Green/Yellow
• Red • Green • Gray

OPTIONS: • Stripes available upon request (minimums may apply)
• Other copper constructions available upon request (minimums may apply)

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
UL Styles 1011/1015/1032/1230/1335								
F22027	22	7/.0096	0.030	0.76	0.091	2.31	5.5	8
F20037	20	10/30	0.030	0.76	0.099	2.51	7.1	11
F18054	18	16/30	0.030	0.76	0.106	2.69	9.3	14
F22035	22	Solid	0.030	0.76	0.091	0.094	5.5	8
F20036	20	Solid	0.030	0.76	0.099	0.096	7.1	11
F18109	18	Solid	0.030	0.76	0.106	0.102	9.3	14
F16067	16	Solid	0.030	0.76	0.117	0.112	12.9	19
F14062	14	Solid	0.030	0.76	0.132	0.130	18.4	27
UL Styles 1011/1015/1032/1230/1335 & BC-5W2								
F16032	16	26/30	0.030	0.76	0.117	2.97	12.9	19
F10192	10	Solid	0.030	0.76	0.175	4.45	40.6	60
UL Styles 1011/1015/1032/1230/1335 & BC-5W2/THHW								
F14037	14	41/30	0.030	0.76	0.132	3.35	18.4	27
F12024	12	65/30	0.030	0.76	0.151	3.84	26.9	40
F10012	10	105/30	0.030	0.76	0.175	4.45	40.6	60
UL Styles 1011/1028/1231/1344 & UL BC-5W2/THHW								
F08010	8	133/29	0.045	1.14	0.252	6.40	72.0	107
UL Styles 1028/1032/1232/1283/1346 & UL BC-5W2/THHW								
F08115	8	133/29	0.060	1.52	0.295	7.49	78.0	116

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 127 for Ordering and Color Code information.



COPPERFIELD® UL STYLE 1283/1284/1232/1346/ 1339/10269 UL BC-5W2, MTW or CT TRAY RATED CSA AWM I A/B & TEW (PVC)

CONDUCTORS: • 6 AWG - 750 MCM Stranded Tinned Copper

INSULATION: • Color-Coded Polyvinyl Chloride (PVC)

TEMPERATURE RANGE/

VOLTAGE RATING: • UL 1011/1015/1028/BC-5W2: 105°C/600V
• UL MTW: 90°C/600V
• CSA AWM I A/B & TEW: 105°C/600V

FLAME COMPLIANCES: • UL VW-1
• CSA FT-1

INDUSTRY APPROVALS: • UL Standard 758 - Styles 1232/1283/1284/1339/1346/10269
• UL Standard 1063 - MTW
• UL Standard 1426 - BC-5W2: 6 AWG - 4/0 AWG
• UL CT Tray Rated: 1/0 AWG - 750 MCM
• CSA AWM I A/B (6 AWG - 750 MCM), TEW (6 AWG - 4/0 AWG)
• UL THHW

STANDARD COLORS: • Black • Orange • Blue • Violet
• White • Yellow • Brown • Green/Yellow
• Red • Green • Gray

OPTIONS: • Stripes available upon request (minimums may apply)
• Other copper constructions available upon request (minimums may apply)



HOOK-UP WIRE / APPLIANCE WIRE

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
UL Styles 1232/1283/1346/10269								
F06006	6	133/27	0.060	1.52	0.324	8.23	113.0	168
F04042	4	133/25	0.060	1.52	0.387	9.83	166.0	247
F02048	2	133/23	0.060	1.52	0.452	11.48	259.0	385
UL Styles 1232/1284/1338/10269								
F01041	1	259/25	0.080	2.03	0.521	13.23	324.0	482
F1T079	1/0	259/24	0.080	2.03	0.561	14.25	401.0	597
F2T029	2/0	259/23	0.080	2.03	0.660	16.76	495.0	737
F3T052	3/0	259/22	0.080	2.03	0.666	16.92	601.0	894
F4T030	4/0	551/24	0.080	2.03	0.740	18.80	773.0	1150
UL Styles 1284/1339/10269 & UL CT Tray Rated								
F25008	250 MCM	2421/30	0.095	2.41	0.835	21.21	934.0	1390
52535	350 MCM	3458/30	0.100	2.54	1.045	26.54	1350.0	2009
52540	400 MCM	4123/30	0.100	2.54	1.160	29.46	1475.0	2195
52550	500 MCM	5054/30	0.115	2.92	1.270	32.26	1968.0	2929
52585	750 MCM	7581/30	0.115	2.92	1.380	35.05	2853.0	4246

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 127 for Ordering and Color Code information.



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COPPERFIELD® UL STYLE 3173/3195/3237 & UL SIS

CSA AWM I A/B & CL 1251 (XLPE)

HOOK-UP WIRE / APPLIANCE WIRE



CONDUCTORS: • 22 AWG - 8 AWG Stranded Bare Copper

INSULATION: • Color-Coded Cross-Linked Polyethylene (XLPE)

TEMPERATURE RANGE/

VOLTAGE RATING: • UL 3173/3195/3237: 125°C/600V
• CSA CL 1251: 125°C/600V
• CSA AWM I A/B: 125°C/600V

FLAME COMPLIANCES: • CSA FT-2

INDUSTRY APPROVALS: • UL Standard 758 - Styles 3173/3195/3237
• UL SIS
• CSA AWM I A/B, CL 1251

STANDARD COLORS: • Black • Orange • Blue • Violet
• White • Yellow • Brown • Green/Yellow
• Red • Green • Gray

OPTIONS: • Stripes available upon request (minimums may apply)
• Other copper constructions available upon request (minimums may apply)

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
UL Styles 3173								
F22052	22	7/0096	0.030	0.76	0.090	2.29	5.4	8
F20043	20	10/30	0.030	0.76	0.103	2.62	7.5	11
UL Styles 3173/3237								
F18076	18	16/30	0.030	0.76	0.108	2.74	9.5	14
F16042	16	26/30	0.030	0.76	0.119	3.02	13.0	19
UL Styles 3173/3237 & SIS								
F14044	14	41/30	0.030	0.76	0.136	3.45	19.0	28
F12030	12	65/30	0.030	0.76	0.155	3.94	28.0	42
F10016	10	105/30	0.030	0.76	0.170	4.32	430	64
UL Styles 3195								
F08119	8	133/29	0.045	1.14	0.261	6.63	71.0	106

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 127 for Ordering and Color Code information.



COPPERFIELD® UL STYLE 3173/3195/3196/3237 & UL SIS

CSA AWM I A/B & CL 1251 (XLPE)

CONDUCTORS: • 22 AWG - 2 AWG Stranded Tinned Copper per ASTM B-33

INSULATION: • Color-Coded Cross-Linked Polyethylene (XLPE)

TEMPERATURE RANGE/

VOLTAGE RATING: • UL 3173/3195/3196/3237: 125°C/600V
• CSA CL 1251: 125°C/600V
• CSA AWM I A/B: 125°C/600V

FLAME COMPLIANCES: • CSA FT-2

INDUSTRY APPROVALS: • UL Standard 758 - Styles 3173/3195/3196/3237
• UL SIS
• CSA AWM I A/B, CL 1251

STANDARD COLORS: • Black • Orange • Blue • Violet
• White • Yellow • Brown • Green/Yellow
• Red • Green • Gray

OPTIONS: • Stripes available upon request (minimums may apply)
• Other copper constructions available upon request (minimums may apply)



HOOK-UP WIRE / APPLIANCE WIRE

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
UL Styles 3173								
F22030	22	7/0096	0.030	0.76	0.090	2.29	5.4	8
F20046	20	10/30	0.030	0.76	0.103	2.62	7.5	11
UL Styles 3173/3237								
F18082	18	16/30	0.030	0.76	0.108	2.74	8.8	13
F16047	16	26/30	0.030	0.76	0.119	3.02	12.0	18
UL Styles 3173/3237 & SIS								
F14047	14	41/30	0.030	0.76	0.136	3.45	17.3	26
F12032	12	65/30	0.030	0.76	0.155	3.94	25.1	37
F10018	10	105/30	0.030	0.76	0.187	4.75	38.5	57
UL Styles 3195/3237 & SIS								
F08050	8	133/29	0.045	1.14	0.261	6.63	69.2	103
UL Styles 3196/3237 & SIS								
F06078	6	133/27	0.060	1.52	0.338	8.59	115.0	171
F04029	4	133/25	0.060	1.52	0.380	9.65	173.0	257
UL Styles 3196								
F02097	2	665/30	0.060	1.52	0.471	11.96	267.0	397
F02058	2	133/23	0.060	1.52	0.471	11.96	266.0	396
F02041	2	259/26	0.060	1.52	0.471	11.96	256.0	381

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 127 for Ordering and Color Code information.



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COPPERFIELD® UL SIS

CSA RW90 (XLPE)

HOOK-UP WIRE / APPLIANCE WIRE



CONDUCTORS: • 14 AWG - 4/0 AWG Stranded Tinned Copper per ASTM B-33

INSULATION: • Color-Coded Flame-Retardant Cross-Linked Polyethylene (FR-XLPE)

**TEMPERATURE RANGE/
VOLTAGE RATING:** • UL 44: 90°C/600V
• CSA C22.2 No. 38: 90°C/600V
• CSA RW90: 90°C/600V

FLAME COMPLIANCES: • UL VW-1
• CSA FT-1 & FT-2

INDUSTRY APPROVALS: • UL Standard 44 - XHHW-2
• UL C22.2 No. 38
• CSA RW90

STANDARD COLORS: • Black • Orange • Blue • Violet
• White • Yellow • Brown • Green/Yellow
• Red • Green • Gray

OPTIONS: • Stripes available upon request (minimums may apply)
• Other copper constructions available upon request (minimums may apply)

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
F14453	14	41/30	0.030	0.76	0.127	3.23	19.0	28
F12218	12	65/30	0.030	0.76	0.145	3.68	25.0	37
18810	10	104/30	0.030	0.76	0.1668	4.27	41.0	61
18808	8	133/29	0.045	1.14	0.246	6.25	69.0	103
18806	6	133/27	0.045	1.14	0.277	7.04	105.0	156
18804	4	133/.0177	0.045	1.14	0.326	8.28	159.0	237
18802	2	133/23	0.045	1.14	0.388	9.86	243.0	362
18821	1/0	1064/30	0.055	1.40	0.477	12.12	563.0	838
18822	2/0	1330/30	0.055	1.40	0.517	13.13	717.0	1067
18823	3/0	1672/30	0.055	1.40	0.571	14.50	902.0	1342
18824	4/0	2109/30	0.055	1.40	0.633	16.08	1121.0	1668

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 127 for Ordering and Color Code information.



COPPERFIELD® UL STYLE 3271/3289/3321/3505

CSA CL1503 (XLPE)

CONDUCTORS: • 18 AWG - 1 AWG Stranded Tinned Copper per ASTM B-33

INSULATION: • Color-Coded Irradiated Cross-Linked Polyethylene (XLPE)

TEMPERATURE RANGE/

VOLTAGE RATING: • UL 758: 150°C/600VAC 750VDC
• CSA AWM: 150°C/600V
• CSA CL 1503

FLAME COMPLIANCES: • CSA FT-1 & FT-2

INDUSTRY APPROVALS: • UL Standard 758 - Styles 3271/3289/3321/3505
• CSA AWM I A/B, CL 1503

STANDARD COLORS:

• Black	• Orange	• Blue	• Violet
• White	• Yellow	• Brown	• Green/Yellow
• Red	• Green	• Gray	

OPTIONS:

- Stripes available upon request (minimums may apply)
- Other copper constructions available upon request (minimums may apply)



HOOK-UP WIRE / APPLIANCE WIRE

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
F18249	18	16/30	0.030	0.76	0.110	2.79	9.3	14
F16100	16	26/30	0.030	0.76	0.123	3.12	13.3	20
F14096	14	41/30	0.030	0.76	0.138	3.51	18.5	28
F12065	12	65/30	0.030	0.76	0.157	3.99	26.8	40
F10058	10	105/30	0.030	0.76	0.181	4.60	40.4	60
F08040	8	133/29	0.045	1.14	0.257	6.53	69.5	103
F06029	6	133/27	0.060	1.52	0.335	8.51	110.0	164
F04019	4	133/25	0.060	1.52	0.385	9.78	173.0	257
F02018	2	259/26	0.060	1.52	0.458	11.63	254.0	378
F01018	1	259/25	0.080	2.03	0.536	13.61	336.0	500

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 127 for Ordering and Color Code information.



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COPPERFIELD® UL STYLE SR/3212/3213

CSA AWM I A (Braidless Silicone Rubber)

HOOK-UP WIRE / APPLIANCE WIRE



CONDUCTORS: • 18 AWG - 6 AWG Stranded Tinned Copper per ASTM B-33

INSULATION: • Color-Coded Braidless Silicone Rubber

**TEMPERATURE RANGE/
VOLTAGE RATING:** • UL 758: 150°C/600V
• CSA AWM: 150°C/600V
• CSA CL 1503

FLAME COMPLIANCES: • UL VW-1
• CSA FT-2

INDUSTRY APPROVALS: • UL Standard 758 - Styles 3212/3213
• CSA AWM I A

STANDARD COLORS: • Black • Blue • Violet
• White • Yellow
• Red • Green

OPTIONS: • Other colors available upon request (minimums may apply)
• Other copper constructions available upon request (minimums may apply)

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
F18008	18	16/30	0.045	1.14	0.142	3.61	12.0	18
F16005	16	26/30	0.045	1.14	0.155	3.94	16.0	24
F14009	14	41/30	0.045	1.14	0.169	4.29	22.0	33
F12006	12	65/30	0.045	1.14	0.185	4.70	31.0	46
F10023	10	105/30	0.045	1.14	0.207	5.26	45.0	67
F08021	8	133/29	0.060	1.52	0.290	7.37	80.0	119
F06010	6	133/27	0.060	1.52	0.332	8.43	116.0	173

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 127 for Ordering and Color Code information.



COPPERFIELD® UL STYLE 3239

CSA AWM I A (Braidless Silicone Rubber)

CONDUCTORS: • 22 AWG - 10 AWG Stranded Tinned Copper per ASTM B-33

INSULATION: • Color-Coded Braidless Silicone Rubber

TEMPERATURE RANGE/

VOLTAGE RATING: • UL 758: 150°C/15KVDC, 25 KVDC, 40 KVDC

FLAME COMPLIANCES: • UL VW-1

INDUSTRY APPROVALS: • UL Standard 758 - Styles 3239

STANDARD COLORS: • Black • Blue • Violet
• White • Yellow
• Red • Green

OPTIONS: • Other colors available upon request (minimums may apply)
• Other copper constructions available upon request (minimums may apply)



HOOK-UP WIRE / APPLIANCE WIRE

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Voltage	Weight	
			in.	mm.	in.	mm.		lbs./mft	kg/km
F22002	22	7/30	0.045	1.14	0.120	3.05	15KV	8.0	12
F22004	22	7/30	0.062	1.57	0.156	3.96	25KV	11.0	16
F22104	22	7/30	0.097	2.46	0.225	5.72	40KV	21.0	31
F20003	20	10/30	0.045	1.14	0.129	3.28	15KV	10.0	15
F20006	20	10/30	0.062	1.57	0.172	4.37	25KV	14.0	21
F20240	20	10/30	0.097	2.46	0.232	5.89	40KV	25.0	37
F18003	18	16/30	0.045	1.14	0.140	3.56	15KV	12.0	18
F18005	18	16/30	0.062	1.57	0.172	4.37	25KV	16.0	24
F18382	18	16/30	0.097	2.46	0.242	6.15	40KV	28.0	42
F16002	16	26/30	0.045	1.14	0.151	3.84	15KV	16.0	24
F16158	16	26/30	0.062	1.57	0.180	4.57	25KV	21.0	31
F16378	16	26/30	0.097	2.46	0.252	6.40	40KV	33.0	49
F14003	14	41/30	0.045	1.14	0.170	4.32	15KV	22.0	33
F14005	14	41/30	0.062	1.57	0.210	5.33	25KV	27.0	40
F14472	14	41/30	0.097	2.46	0.268	6.81	40KV	40.0	60
F12001	12	65/30	0.045	1.14	0.178	4.52	15KV	31.0	46
F12100	12	65/30	0.062	1.57	0.215	5.46	25KV	36.0	54
F12229	12	65/30	0.097	2.46	0.285	7.24	40KV	50.0	74
F10020	10	105/30	0.045	1.14	0.204	5.18	15KV	44.0	65
F10193	10	105/30	0.062	1.57	0.248	6.30	25KV	51.0	76
F10194	10	105/30	0.097	2.46	0.318	8.08	40KV	67.0	100

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 127 for Ordering and Color Code information.



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COPPERFIELD® SRML UL STYLE 3068/3070/ 3071/3074/3075/3101/3122/3125/3127/3172

CSA SEW-1/SEWF-1/SEW-2/SEWF-2 (Braided Silicone Rubber)

HOOK-UP WIRE / APPLIANCE WIRE



- CONDUCTORS:**
- 22 AWG - 8 AWG Stranded Tinned Copper per ASTM B-33
 - 22 AWG - 12 AWG Solid Tinned Copper per ASTM B-33
 - 18 AWG Overcoated Copper
 - 22 AWG - 18 AWG Nickel Plated Copper per ASTM B-355

- INSULATION:**
- Color-Coded Braided Silicone Rubber

- TEMPERATURE RANGE/
VOLTAGE RATING:**
- UL: 150°C & 200°C/300V & 600V
 - CSA: 150°C & 200°C/300V & 600V

- FLAME COMPLIANCES:**
- UL FT-1
 - CSA FT-1

- INDUSTRY APPROVALS:**
- UL Standard 758 - Styles 3068/3070/3071/3074/3075/3101/
3122/3125/3127/3172/3704
 - CSA C22.2 No. 127: SEW-1/SEW-2/SEWF-1/SEWF-2

- STANDARD COLORS:**
- Black
 - Blue
 - Violet
 - White
 - Yellow
 - Red
 - Green

- OPTIONS:**
- Other colors available upon request (minimums may apply)
 - Other copper constructions available upon request (minimums may apply)

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
UL Style 3068, CSA SEWF-1, 150°C/300V - Tinned Copper								
F22098	22	7/30	0.015	0.38	0.067	1.70	4.8	7
UL Style 3070, CSA SEWF-2, 150°C/600V - Tinned Copper								
F18098	18	16/30	0.030	0.76	0.106	2.69	10.2	15
F14053	14	41/30	0.030	0.76	0.132	3.35	21.0	31
F12046	12	65/30	0.030	0.76	0.155	3.94	32.0	48
F08024	8	133/29	0.060	1.52	0.287	7.29	81.0	121
UL Style 3071, CSA SEW-2, 200°C/600V - Tinned Copper								
F18096	18	7/.0152	0.030	0.76	0.106	2.69	10.3	15
F14052	14	7/.0242	0.030	0.76	0.132	3.35	20.0	30
F18369	18	Solid	0.030	0.76	0.103	2.62	10.0	15
F14054	12	Solid	0.030	0.76	0.130	3.30	21.0	31

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 127 for Ordering and Color Code information.



COPPERFIELD® SRML UL STYLE 3068/3070/ 3071/3074/3075/3101/3122/3125/3127/3172

CSA SEW-1/SEWF-1/SEW-2/SEWF-2 (Braided Silicone Rubber)

HOOK-UP WIRE / APPLIANCE WIRE

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
UL STYLE 3071, CSA SEW-2, 200°C/600V - Nickel Plated Copper								
F16245	16	7/.0192	0.030	0.76	0.120	3.05	14.6	22
F16229	16	26/30	0.030	0.76	0.122	3.10	15.3	23
F14205	14	41/30	0.030	0.76	0.140	3.56	23.2	35
UL STYLE 3071, CSA SEW-2, 200°C/600V - Overcoated Copper								
F18363	18	7/.0152	0.030	0.76	0.108	2.74	11.1	17
UL STYLE 3071, CSA SEWF-2, 200°C/600V - Tinned Copper								
F16056	16	7/.0192	0.030	0.76	0.117	2.97	14.0	21
UL STYLE 3071, CSA SEWF-2, 200°C/600V - Nickel Plated Copper								
F16252	16	Solid	0.030	0.76	0.113	2.87	13.7	20
UL STYLE 3074, CSA SEW-2, 200°C/600V - Nickel Plated Copper								
F18366	18	Solid	0.030	0.76	0.103	2.62	10.2	15
F12147	14	Solid	0.030	0.76	0.143	3.63	29.7	44
F12047	12	19/.0185	0.030	0.76	0.155	3.94	29.0	43
UL STYLE 3075, CSA SEW-2, 200°C/600V - Nickel Plated Copper								
F20123	20	10/30	0.030	0.76	0.096	2.44	7.8	12
UL STYLE 3101, CSA SEWF-2, 150°C/600V - Tinned Copper								
F16057	16	26/30	0.030	0.76	0.117	2.97	14.0	21
UL STYLE 3122, CSA SEW-1, 200°C/300V - Tinned Copper								
F22080	22	Solid	0.015	0.38	0.058	1.47	4.0	6
F18252	18	7/.0152	0.015	0.38	0.080	2.03	8.0	12
F16055	16	7/.0192	0.015	0.38	0.093	2.36	11.5	17
UL STYLE 3122, CSA SEW-1, 200°C/300V - Overcoated Copper								
F18360	18	7/.0152	0.015	0.38	0.080	2.03	8.7	13
UL STYLE 3122, CSA SEWF-1, 200°C/300V - Nickel Plated Copper								
F22086	22	7/30	0.015	0.38	0.062	1.57	4.5	7
F18344	18	16/30	0.015	0.38	0.062	1.57	7.9	12
UL STYLE 3172, CSA SEW-2, 200°C/600V - Tinned Copper								
F22083	22	Solid	0.030	0.76	0.088	2.24	6.2	9
UL STYLE 3075, CSA SEWF-2, 200°C/600V - Tinned Copper								
F10043	10	19/.0234	0.045	1.14	0.207	5.26	49.8	74
UL STYLE 3125, CSA SEW-2, 200°C/600V - Tinned Copper								
F08025	8	54/25	0.060	1.52	0.275	6.99	82.1	122

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 127 for Ordering and Color Code information.



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COPPERFIELD® UL STYLE 3340/3374

CSA CL 1503 (EPDM)

HOOK-UP WIRE / APPLIANCE WIRE



CONDUCTORS: • 18 AWG - 4/0 AWG Stranded Tinned Copper per ASTM B-33

INSULATION: • Color-Coded Ethylene Propylene (EPDM)

**TEMPERATURE RANGE/
VOLTAGE RATING:** • UL 758: 125°C/600V Flexing, 150°C/600V Non-Flexing
• CSA AWM: 125°C/600V
• CSA CL 1503 (150°C)

FLAME COMPLIANCES: • CSA FT-2

INDUSTRY APPROVALS: • UL Standard 758 - Styles 3340/3374
• CSA AWM I A/B, CL 1503

STANDARD COLORS: • Black • Orange • Blue
• White • Yellow
• Red • Green

OPTIONS: • Other colors & stripes available upon request (minimums may apply)
• Other copper constructions available upon request (minimums may apply)

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
F18176	18	16/30	0.045	1.14	0.140	3.56	12.0	18
F16103	16	26/30	0.045	1.14	0.153	3.89	17.0	25
F14168	14	41/30	0.045	1.14	0.168	4.27	22.0	33
F12062	12	65/30	0.045	1.14	0.184	4.67	31.0	46
F10024	10	105/30	0.045	1.14	0.212	5.38	46.0	68
F08036	8	84/29	0.060	1.52	0.293	7.44	79.0	118
F06101	6	133/27	0.060	1.52	0.335	8.51	112.0	167
F04045	4	133/25	0.060	1.52	0.365	9.27	168.0	250
F02015	2	133/23	0.060	1.52	0.435	11.05	264.0	393
F01034	1	259/25	0.080	2.03	0.532	13.51	323.0	481
F1T029	1/0	259/24	0.080	2.03	0.591	15.01	400.0	595
F2T024	2/0	259/23	0.080	2.03	0.625	15.88	492.0	732
F3T022	3/0	259/22	0.080	2.03	0.685	17.40	590.0	878
F4T025	4/0	259/21	0.080	2.03	0.745	18.92	743.0	1106

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 127 for Ordering and Color Code information.



COPPERFIELD® UL STYLE 3499 (EPDM)

CONDUCTORS: • 8 AWG - 4/0 AWG Stranded Tinned Copper per ASTM B-33

INSULATION: • Color-Coded Ethylene Propylene (EPDM)

TEMPERATURE RANGE/

VOLTAGE RATING: • UL 758: 150°C/7500V

INDUSTRY APPROVALS: • UL Standard 758 - Style 3499

STANDARD COLORS:

- Black • Orange • Blue
- White • Yellow
- Red • Green

OPTIONS:

- Other colors & stripes available upon request (minimums may apply)
- Other copper constructions available upon request (minimums may apply)



HOOK-UP WIRE / APPLIANCE WIRE

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
F08082	8	84/27	0.125	3.18	0.423	10.74	117.0	174
F06076	6	84/25	0.125	3.18	0.465	11.81	157.0	234
F04046	4	133/25	0.125	3.18	0.515	13.08	219.0	326
F02076	2	665/30	0.125	3.18	0.565	14.35	296.0	440
F1T039	1/0	1034/30	0.125	3.18	0.645	16.38	434.0	646
F2T034	2/0	1330/30	0.125	3.18	0.690	17.53	530.0	789
F3T026	3/0	1672/30	0.125	3.18	0.740	18.80	646.0	961
F4T027	4/0	259/21	0.125	3.18	0.835	21.21	795.0	1183

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 127 for Ordering and Color Code information.



COPPERFIELD® TWP 80°C SAE J-1128

Thin Wall Automotive Lead Wire (PVC)

HOOK-UP WIRE / AUTOMOTIVE



CONDUCTORS: • 24 AWG - 10 AWG Stranded Bare Copper

INSULATION: • Color-Coded Lead Free PVC

**TEMPERATURE RANGE/
VOLTAGE RATING:** • -40°C - 80°C/60VDC/25VAC

INDUSTRY APPROVALS: • SAE TWP J-1128
• Ford ESB-MIL120A
• Chrysler MS-7889

STANDARD COLORS: • Black • Orange • Blue • Violet
• White • Yellow • Brown • Green/Yellow
• Red • Green • Gray

OPTIONS: • Stripes available upon request (minimums may apply)
• Other copper constructions available upon request (minimums may apply)

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
SAE TWPJ1128								
F24009	24	7/32	0.016	0.41	0.057	1.45	2.0	3
SAE TWPJ1128/ESB-MIL 120A/MS-7889								
F22069	22	7/30	0.016	0.41	0.062	1.57	3.0	4
F20020	20	7/28	0.016	0.41	0.070	1.78	4.0	6
F18017	18	16/30	0.016	0.41	0.078	1.98	6.0	9
F18018	18	19/.0092	0.016	0.41	0.078	1.98	6.0	9
F16011	16	19/29	0.016	0.41	0.089	2.26	9.0	13
F14017	14	19/27	0.016	0.41	0.103	2.62	14.0	21
F12038	12	19/25	0.018	0.46	0.126	3.20	22.0	33
F10059	10	19/23	0.020	0.51	0.155	3.94	35.0	52

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 127 for Ordering and Color Code information.



COPPERFIELD® GPT 80°C or 105°C SAE J-1128

General Purpose Automotive Lead Wire (PVC)

CONDUCTORS: • 20 AWG - 8 AWG Stranded Bare Copper

INSULATION: • Color-Coded Lead Free PVC

TEMPERATURE RANGE/

VOLTAGE RATING: • -40°C - 80°C/60VDC/25VAC
• -40°C - 105°C/60VDC/25VAC

INDUSTRY APPROVALS:

- SAE GPT J-1128
- Ford ESF-M1L-56A or Ford ESF-M1L-85A
- Chrysler MS-3450

STANDARD COLORS:

- Black
- Orange
- Blue
- Violet
- White
- Yellow
- Brown
- Green/Yellow
- Red
- Green
- Gray

OPTIONS:

- Stripes available upon request (minimums may apply)
- Other copper constructions available upon request (minimums may apply)



HOOK-UP WIRE / AUTOMOTIVE

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
GPT 80°C J1128/ESF-MIL-56A/MS-3450								
F20016	20	7/28	0.023	0.58	0.084	2.13	6.0	9
F18012	18	16/30	0.023	0.58	0.092	2.34	7.0	10
F18159*	18	19/.0092	0.023	0.58	0.092	2.34	7.0	10
F16007	16	19/29	0.023	0.58	0.103	2.62	10.0	15
F14014	14	19/27	0.023	0.58	0.117	2.97	15.0	22
F12009	12	19/25	0.026	0.66	0.142	3.61	24.0	36
F10001	10	19/23	0.031	0.79	0.177	4.50	38.0	57
F08001	8	19/.0285	0.037	0.94	0.222	5.64	61.0	91
GPT 105°C J1128/ESF-MIL-58A/MS-3450								
F20013	20	7/28	0.023	0.58	0.084	2.13	6.0	9
F18010	18	16/30	0.023	0.58	0.092	2.34	8.0	12
F16092	16	19/29	0.023	0.58	0.103	2.62	11.0	16
F14012	14	19/27	0.023	0.58	0.117	2.97	16.0	24
F12054	12	19/25	0.026	0.66	0.142	3.61	25.0	37
F10051	10	19/23	0.031	0.79	0.177	4.50	41.0	61
F08031	8	19/.0285	0.037	0.94	0.222	5.64	61.0	91

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

*GPT J1128 & ESF-MIL-56A Only
See page 127 for Ordering and Color Code information.



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COPPERFIELD® GPT MARINE 105°C SAE J-1128/J378C

General Purpose Marine - Automotive Lead Wire (PVC)

HOOK-UP WIRE / AUTOMOTIVE



- CONDUCTORS:**
- 18 AWG - 10 AWG Stranded Tinned Copper
 - 18 AWG - 10 AWG Stranded Bare Copper

- INSULATION:**
- Color-Coded Lead Free PVC

- TEMPERATURE RANGE/
VOLTAGE RATING:**
- -40°C - 105°C/60VDC/25VAC

- INDUSTRY APPROVALS:**
- SAE GPT J-1128
 - SAE Marine J378C

- STANDARD COLORS:**
- Black
 - Orange
 - Blue
 - Violet
 - White
 - Yellow
 - Brown
 - Green/Yellow
 - Red
 - Green
 - Gray

- OPTIONS:**
- Stripes available upon request (minimums may apply)
 - Other copper constructions available upon request (minimums may apply)

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
GPT 105°C J1128/MARINE J378C - TINNED COPPER								
F18020	18	16/30	0.023	0.58	0.092	2.34	8.0	12
F16013	16	19/29	0.023	0.58	0.103	2.62	10.0	15
F14019	14	19/27	0.023	0.58	0.117	2.97	15.0	22
F12011	12	19/25	0.026	0.66	0.142	3.61	24.0	36
F10003	10	19/23	0.031	0.79	0.177	4.50	38.0	57
GPT 105°C J1128/MARINE J378C - BARE COPPER								
F18019	18	16/30	0.023	0.58	0.092	2.34	8.0	12
F16012	16	19/29	0.023	0.58	0.103	2.62	10.0	15
F14018	14	19/27	0.023	0.58	0.117	2.97	15.0	22
F12010	12	19/25	0.026	0.66	0.142	3.61	24.0	36
F10002	10	19/23	0.031	0.79	0.177	4.50	38.0	57

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 127 for Ordering and Color Code information.



COPPERFIELD® TXL 125°C SAE J-1128

Thin Wall High Temperature Automotive Wire (XLPE)

CONDUCTORS: • 22 AWG - 8 AWG Stranded Bare Copper

INSULATION: • Color-Coded Cross-Linked Polyethylene (XLPE)

TEMPERATURE RANGE/

VOLTAGE RATING: • -40°C - 125°C/60VDC/25VAC

INDUSTRY APPROVALS:

- SAE J-1128
- Ford ESB-MIL123A
- Chrysler MS-8288

STANDARD COLORS:

- Black
- Orange
- Blue
- Violet
- White
- Yellow
- Brown
- Green/Yellow
- Red
- Green
- Gray

OPTIONS:

- Stripes available upon request (minimums may apply)
- Other copper constructions available upon request (minimums may apply)



HOOK-UP WIRE / AUTOMOTIVE

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
F22056	22	7/30	0.023	0.58	0.092	2.34	3.5	12
F20023	20	7/28	0.023	0.58	0.103	2.62	5.0	15
F18025	18	19/30	0.023	0.58	0.117	2.97	7.0	22
F18023	18	16/30	0.026	0.66	0.142	3.61	7.0	36
F16019	16	19/29	0.031	0.79	0.177	4.50	10.0	57
F14023	14	19/27	0.023	0.58	0.102	2.59	14.0	12
F12015	12	19/25	0.023	0.58	0.132	3.35	23.0	15
F10048	10	19/23	0.023	0.58	0.155	3.94	35.0	22
F08061	8	19/0285	0.026	0.66	0.191	4.85	55.0	36

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 127 for Ordering and Color Code information.



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COPPERFIELD® GXL or GXL (UL) 125°C SAE J-1128

General Purpose Automotive Wire (XLPE)

HOOK-UP WIRE / AUTOMOTIVE



CONDUCTORS: • 20 AWG - 8 AWG Stranded Bare Copper

INSULATION: • Color-Coded Cross-Linked Polyethylene (XLPE)

TEMPERATURE RANGE/

VOLTAGE RATING: • -40°C - 125°C/60VDC/25VAC

INDUSTRY APPROVALS:

- SAE J-1128
- Ford ESB-MIL85A*
- Chrysler MS-8900*

STANDARD COLORS:

- Black
- Orange
- Blue
- Violet
- White
- Yellow
- Brown
- Green/Yellow
- Red
- Green
- Gray

OPTIONS:

- Stripes available upon request (minimums may apply)
- Other copper constructions available upon request (minimums may apply)

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
GXL J1128/ESB-MIL85A/MS-8900								
F20022	20	7/28	0.023	0.58	0.086	2.18	6.0	9
F18021*	18	16/30	0.023	0.58	0.092	2.34	8.0	12
F18022	18	19/.0092	0.023	0.58	0.092	2.34	8.0	12
F16014	16	19/29	0.023	0.58	0.103	2.62	11.0	16
F14021	14	19/27	0.023	0.58	0.117	2.97	16.0	24
F12012	12	19/25	0.026	0.66	0.142	3.61	24.0	36
F10004	10	19/23	0.031	0.79	0.179	4.55	37.0	55
F08011*	8	19/.0285	0.037	0.94	0.216	5.49	60.0	89
UL SAE GXL J1128								
F20069	20	7/28	0.023	0.58	0.086	2.18	6.0	9
F18089	18	16/30	0.023	0.58	0.092	2.34	8.0	12
F18157	18	19/.0092	0.023	0.58	0.092	2.34	8.0	12
F16053	16	19/29	0.023	0.58	0.103	2.62	11.0	16
F14049	14	19/27	0.023	0.58	0.117	2.97	16.0	24
F12034	12	19/25	0.026	0.66	0.142	3.61	24.0	36
F10019	10	19/23	0.031	0.79	0.179	4.55	37.0	55
F08005	8	19/.0285	0.037	0.94	0.216	5.49	60.0	89

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

*GXL J1128 & ESB-MIL85A Only.
See page 127 for Ordering and Color Code information.



COPPERFIELD® SXL 125°C SAE J-1128

Standard Wall High Temperature Automotive Wire (XLPE)

CONDUCTORS: • 20 AWG - 8 AWG Stranded Bare Copper

INSULATION: • Color-Coded Cross-Linked Polyethylene (XLPE)

TEMPERATURE RANGE/

VOLTAGE RATING: • -40°C - 125°C/60VDC/25VAC

INDUSTRY APPROVALS:

- SAE J-1128
- Ford ESB-MIL123A
- Chrysler MS-5919

STANDARD COLORS:

- Black
- Orange
- Blue
- Violet
- White
- Yellow
- Brown
- Green/Yellow
- Red
- Green
- Gray

OPTIONS:

- Stripes available upon request (minimums may apply)
- Other copper constructions available upon request (minimums may apply)



HOOK-UP WIRE / AUTOMOTIVE

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
SAE SXL J1128/ESB-MIL-123A/MS-5919								
F20024*	20	7/28	0.029	0.74	0.096	2.44	7.0	10
F18026	18	16/30	0.030	0.76	0.102	2.59	9.0	13
F16020	16	19/29	0.032	0.81	0.118	3.00	13.0	19
F14024	14	19/27	0.035	0.89	0.137	3.48	19.0	28
F12017	12	19/25	0.037	0.94	0.160	4.06	26.0	39
F10005	10	19/23	0.041	1.04	0.191	4.85	40.0	60
F08033	8	19/.0285	0.043	1.09	0.234	5.94	64.0	95

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

*SXL J1128 & MS-5919 Only
See page 127 for Ordering and Color Code information.



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COPPERFIELD® SGT 80°C or 105°C SAE J-1127

Standard Wall Automotive Wire (PVC)

HOOK-UP WIRE / AUTOMOTIVE



CONDUCTORS: • 6 AWG - 4/0 AWG Stranded Bare Copper

INSULATION: • Color-Coded Lead Free Polyvinyl Chloride (PVC)

TEMPERATURE RANGE/

VOLTAGE RATING: • -40°C - 80°C/60VDC/25VAC
• -40°C - 105°C/60VDC/25VAC

INDUSTRY APPROVALS: • SAE J-1127

STANDARD COLORS: • Black • Orange • Blue • Violet
• White • Yellow • Brown • Green/Yellow
• Red • Green • Gray

OPTIONS: • Stripes available upon request (minimums may apply)
• Other copper constructions available upon request (minimums may apply)

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
SAE 80°C J1127								
F06003	6	133/.0266	0.060	1.52	0.310	7.87	106.0	158
F04077	4	133/25	0.065	1.65	0.356	9.04	153.0	229
F02083	2	644/30	0.065	1.65	0.423	10.74	239.0	356
F01052	1	133/.0242	0.065	1.65	0.455	11.56	293.0	436
F1T062	1/0	133/.0274	0.065	1.65	0.525	13.34	362.0	539
F2T056	2/0	1254/30	0.065	1.65	0.550	13.97	453.0	674
F3T040	3/0	1615/30	0.081	2.06	0.641	16.28	581.0	865
F4T050	4/0	2052/30	0.078	1.98	0.700	17.78	737.0	1097
SAE 105°C J1127								
F06035	6	133/.0266	0.060	1.52	0.301	7.65	106.0	158
F04022	4	133/25	0.065	1.65	0.356	9.04	150.0	223
F02019	2	133/.0220	0.065	1.65	0.420	10.67	236.0	351
F01014	1	133/.0242	0.065	1.65	0.458	11.63	293.0	436
F1T019	1/0	133/.0274	0.065	1.65	0.515	13.08	362.0	539
F2T013	2/0	1254/30	0.065	1.65	0.570	14.48	453.0	674
F3T010	3/0	1615/30	0.078	1.98	0.646	16.41	581.0	865
F4T018	4/0	2052/30	0.078	1.98	0.706	17.93	737.0	1097

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 127 for Ordering and Color Code information.



COPPERFIELD® SGX 125°C SAE J-1127

High Temperature Automotive Wire (XLPE)

CONDUCTORS: • 6 AWG - 4/0 AWG Stranded Bare Copper

INSULATION: • Color-Coded Cross-Linked Polyethylene (XLPE)

TEMPERATURE RANGE/

VOLTAGE RATING: • -40°C - 125°C/60VDC/25VAC

INDUSTRY APPROVALS: • SAE J-1127

STANDARD COLORS:

- Black
- Orange
- Blue
- Violet
- White
- Yellow
- Brown
- Green/Yellow
- Red
- Green
- Gray

OPTIONS:

- Stripes available upon request (minimums may apply)
- Other copper constructions available upon request (minimums may apply)



HOOK-UP WIRE / AUTOMOTIVE

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
F06023	6	133/27	0.060	1.52	0.315	8.00	111.0	165
F04014	4	133/25	0.065	1.65	0.374	9.50	167.0	249
F02013	2	133/24	0.065	1.65	0.428	10.87	253.0	377
F01011	1	259/25	0.065	1.65	0.460	11.68	307.0	457
F1T016	1/0	1026/30	0.065	1.65	0.523	13.28	369.0	549
F2T010	2/0	1254/30	0.065	1.65	0.578	14.68	461.0	686
F3T008	3/0	1615/30	0.078	1.98	0.654	16.61	589.0	877
F4T015	4/0	2052/30	0.078	1.98	0.714	18.14	746.0	1110

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 127 for Ordering and Color Code information.



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COPPERFIELD® STX 125°C SAE J-1127

High Temperature Automotive Wire (XLPE)

HOOK-UP WIRE / AUTOMOTIVE



CONDUCTORS: • 6 AWG - 2/0 AWG Stranded Bare Copper

INSULATION: • Color-Coded Cross-Linked Polyethylene (XLPE)

**TEMPERATURE RANGE/
VOLTAGE RATING:**

• -40°C - 125°C/60VDC/25VAC

INDUSTRY APPROVALS:

- SAE J-1127
- Ford-ESB-MIL85-B (P/N F060131 Only)
- Ford ESF-MIL92-A (P/N F04039 Only)
- Chrysler MS-8288 (P/N F06042, F04044, F02031 Only)

STANDARD COLORS:

- Black
- Orange
- Blue
- Violet
- White
- Yellow
- Brown
- Green/Yellow
- Red
- Green
- Gray

OPTIONS:

- Stripes available upon request (minimums may apply)
- Other copper constructions available upon request (minimums may apply)

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
F06131	6	133/27	0.043	1.09	0.285	7.24	111.0	165
F06042	6	133/27	0.051	1.29	0.295	7.49	111.0	165
F04044	4	133/25	0.044	1.12	0.365	9.27	173.0	257
F04039	4	133/25	0.146	3.71	0.352	8.94	173.0	257
F02031	2	133/23	0.044	1.12	0.418	10.62	249.0	371
F01039	1	784/30	0.044	1.12	0.435	11.05	295.0	439
F1T063	1/0	1026/30	0.044	1.12	0.480	12.19	370.0	551
F2T061	2/0	1254/30	0.044	1.12	0.525	13.34	462.0	688

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 127 for Ordering and Color Code information.



COPPERFIELD® MIL-W-16878 Type B & C

Military Hook-Up Wire (PVC)

CONDUCTORS: • 26 AWG - 16 AWG Stranded Tinned Copper

INSULATION: • Color-Coded Polyvinyl Chloride (PVC)

TEMPERATURE RANGE/

VOLTAGE RATING: • 80°C/60V
• 105°C/60V

INDUSTRY APPROVALS: • MIL-W-16878/1B Type B (80°C)
• MIL-W-16878/2B Type C (105°C)
• CSA AWM I A/B (80°C/105°C)
• CSA Type SR-PVC (80°C)
• CSA TR64 (90°C)
• UL AWM Style 1007 (80°C)/1569 (105°C)
• UL AWM Style 1061 (80°C)

STANDARD COLORS: • Black • Orange • Blue • Violet
• White • Yellow • Brown • Green/Yellow
• Red • Green • Gray

OPTIONS: • Stripes available upon request (minimums may apply)
• Other copper constructions available upon request (minimums may apply)



HOOK-UP WIRE / MILITARY

Part Number	Gauge	Stranding	Nominal Wall		Nominal OD		Weight	
			in.	mm.	in.	mm.	lbs./mft	kg/km
UL STYLE 1061/MIL-W-16878/1 TYPE B 80°C/CSA AWM I A/B								
F26005*	26	7/34	0.009	0.23	0.038	0.97	1.4	2
F24014*	24	7/.0076	0.009	0.23	0.045	1.14	1.9	3
F22074	22	7/.0096	0.009	0.23	0.051	1.30	2.8	4
F20117	20	19/32	0.009	0.23	0.058	1.47	4.0	6
F18528	18	16/30	0.009	0.23	0.067	1.70	6.1	9
F16217	16	19/.0117	0.009	0.23	0.078	1.98	9.3	14
UL STYLE 1007/1569/MIL-W-16878/2 TYPE C 105°C/CSA TR64/CSA AWM I A/B								
F26004	26	7/34	0.015	0.38	0.051	1.30	1.8	3
F24012	24	7/.0076	0.015	0.38	0.057	1.45	2.5	4
F22072	22	7/.0096	0.015	0.38	0.062	1.57	3.3	5
F20111	20	10/30	0.015	0.38	0.070	1.78	4.5	7
F18316	18	16/30	0.015	0.38	0.079	2.01	6.8	10
F16214	16	26/30	0.015	0.38	0.095	2.41	10.2	15
F14236	14	41/30	0.020	0.508	0.113	2.8702	17	25
F12163	12	65/30	0.020	0.508	0.131	3.3274	25	37

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

*AWM I A/B, SR-PVC
See page 127 for Ordering and Color Code information.



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ROYAL® BARE COPPER

HOOK-UP WIRE / BUILDING WIRE



- CONDUCTORS:**
- 14 AWG - 6 AWG Annealed Solid Bare Copper per ASTM B 3
 - 8 AWG - 500 MCM Stranded Bare Copper per ASTM B 8, B 173

- FEATURES:**
- 100% Electrical Conductivity (IACS)
 - Flexible, easily shaped and contoured into place
 - Easily welded and soldered

- APPLICATIONS:**
- Used in overhead electrical transmission and distribution systems
 - Used for grounding grid systems

- STANDARD REELS:**
- 500' (05)
 - 1,000' (06)
 - 2,500' (09)
 - 3,000' (13)

- OPTIONS:**
- Other strand sizes and combinations available (minimums may apply)
 - Other packaging options available upon request (minimums may apply)

Part Number	Gauge	Stranding	Nominal OD		Weight	
			in.	mm.	lbs./mft	kg/km
F54601	14	Solid	0.0638	1.62	12.4	18
F54602	12	Solid	0.0807	2.05	19.8	29
F54603	10	Solid	0.102	2.59	31.4	47
F54604	8	Solid	0.128	3.25	50.0	74
F54685	6	Solid	0.162	4.11	79.0	118
F54644	4	Solid	0.204	5.18	128.8	192
F54614	8	7/.0486	0.146	3.71	51.0	74
F54605	6	7/.0612	0.184	4.67	81.0	119
F54606	4	7/.0772	0.232	5.89	129.0	192
F54633	3	7/.0867	0.264	6.71	285.0	424
F54607	2	7/.0974	0.292	7.42	205.0	305
F54608	1/0	19/.0745	0.372	9.45	326.0	485
F54609	2/0	19/.0837	0.418	10.62	411.0	612
F54610	3/0	19/.0940	0.47	11.94	518.0	771
F54611	4/0	19/.1055	0.528	13.41	653.0	952
F54625	250 MCM	37/.0822	0.575	14.61	772.0	1149
F54635	350 MCM	37/.0973	0.681	17.30	1082.0	1610
F54650	500 MCM	37/.1162	0.813	20.65	1543	2296

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

See page 127 for Ordering and Color Code information.



TRIANGLE® TFFN/TFN/THHN

- CONDUCTORS:**
- TFFN: 18 AWG - 16 AWG Stranded Bare Copper per ASTM B-174
 - TFN: 18 AWG - 16 AWG Solid Bare Copper per ASTM B-3
 - THHN: 14 AWG - 8 AWG Stranded Bare Copper per ASTM B-8

- INSULATION:**
- Color-Coded Polyvinyl Chloride (PVC) with nylon

- TEMPERATURE RANGE/
VOLTAGE RATING:**
- UL: 90°C/600V, 105°C/600V
 - C(UL): 75°C/600V, 90°C/600V

- FLAME COMPLIANCES:**
- C(UL) FT1

- INDUSTRY APPROVALS:**
- UL Standard 1063 - MTW
 - UL Standard 83 - THHN, THWN
 - UL Standard 66 - TFFN, TFN
 - UL Subject 758 - AWM
 - UL OIL RES I & Gasoline Resistant
 - CSA C22.2 No. 75 - T90, T90, TWN75

- STANDARD COLORS:**
- Black
 - Orange
 - Blue
 - Violet
 - White
 - Yellow
 - Brown
 - Green/Yellow
 - Red
 - Green
 - Gray

- OPTIONS:**
- Stripes available upon request (minimums may apply)
 - Other copper constructions available upon request (minimums may apply)



HOOK-UP WIRE / BUILDING WIRE

Part No.	Gauge	Stranding	Nominal Wall		Nominal Nylon		Nominal OD		UL Style	c(UL) Style	Weight	
			in.	mm.	in.	mm.	in.	mm.			lbs./mft	kg/km
51011	18	16/30	0.016	0.41	0.005	0.13	0.088	2.24	TFFN/1316/1408		7.6	11
51012	16	26/30	0.016	0.41	0.005	0.13	0.100	2.54	TFFN/1316/1408		10.9	16
51791*	18	Solid	0.016	0.41	0.005	0.13	0.082	2.08	TFN/1316/1408/1452/MTW		7.2	11
51792*	16	Solid	0.016	0.41	0.005	0.13	0.093	2.36	TFN/1316/1408/1452/MTW		10.4	15
51041	14	Solid	0.016	0.41	0.005	0.13	0.106	2.69	THWN/THHN/1316/1408/1452	T90/TWN75 FT1	15.5	23
51042	12	Solid	0.016	0.41	0.005	0.13	0.123	3.12	THWN/THHN/1316/1408/1452	T90/TWN75 FT1	23.6	35
51043	10	Solid	0.022	0.56	0.006	0.15	0.158	4.01	THWN/THHN/1316/1408/1452	T90/TWN75 FT1	37.9	56
51013	14	19/.0147	0.016	0.41	0.005	0.13	0.112	2.84	THWN/THHN/1316/1408/1452	T90/TWN75 FT1	16.4	24
51014	12	19/.0185	0.016	0.41	0.005	0.13	0.131	3.33	THWN/THHN/1316/1408/1452	T90/TWN75 FT1	24.7	37
51016	10	19/.0234	0.021	0.53	0.005	0.13	0.164	4.17	THWN/THHN/1316/1408/1452	T90/TWN75 FT1	39.1	58
51017*	8	19/.0295	0.031	0.79	0.006	0.15	0.222	5.64	THWN/THHN/1318/1410		64.3	96
F06009	6	19	0.031	0.79	0.006	0.15	0.253	6.43	THWN/THHN/1318/1410		96	143
F04002	4	19	0.042	1.07	0.007	0.18	0.333	8.46	THWN/THHN/1319/1411		155	231
51030	3	19	0.042	1.07	0.007	0.18	0.378	9.60	THWN/THHN/1319/1411		191	284
F02001	2	19	0.042	1.07	0.007	0.18	0.394	10.01	THWN/THHN/1319/1411		237	353
F01001	1	19	0.053	1.35	0.009	0.23	0.448	11.38	THWN/THHN/1320/1412		310	461
F1T001	1/0	19	0.053	1.35	0.009	0.23	0.485	12.32	THWN/THHN/1320/1412		374	557
F2T001	2/0	19	0.053	1.35	0.009	0.23	0.527	13.39	THWN/THHN/1320/1412		464	690
F3T001	3/0	19	0.053	1.35	0.009	0.23	0.58	14.73	THWN/THHN/1320/1412		578	860
51040	4/0	19	0.053	1.35	0.009	0.23	0.636	16.15	THWN/THHN/1320/1412		707	1052
51250	250 MCM	37	0.063	1.60	0.01	0.25	0.704	17.88	THWN/THHN/1321/1413		857	1275
51300	300 MCM	37	0.063	1.60	0.01	0.25	0.757	19.23	THWN/THHN/1321/1413		1017	1513
51350	350 MCM	37	0.063	1.60	0.01	0.25	0.807	20.50	THWN/THHN/1321/1413		1181	1757
51390	400 MCM	37	0.063	1.60	0.01	0.25	0.852	21.64	THWN/THHN/1321/1413		1341	1996
51500	500 MCM	37	0.074	1.88	0.01	0.25	0.959	24.36	THWN/THHN/1321/1413		1681	2501
51600	600 MCM	61	0.074	1.88	0.01	0.25	1.036	26.31	THWN/THHN/1321		2012	2994
51750	750 MCM	61	0.074	1.88	0.01	0.25	1.136	28.85	THWN/THHN/1321		2491	3707
51000	1000 MCM	61	0.074	1.88	0.01	0.25	1.288	32.71	THWN/THHN/1321		3300	4911

*Items rated 90°C

See page 127 for Ordering and Color Code information.



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Corra/Clad®

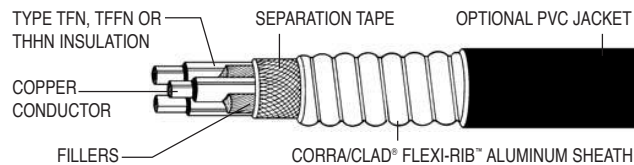
MC Cable

HOOK-UP WIRE / BUILDING WIRE



Corra/Clad® is lightweight, easy to work with, and tough

Corra/Clad®'s sheath is solid aluminum, which makes it more than 50% lighter than interlocked armor cable, yet it can stand up to the roughest use including severe environments. Corra/Clad® can be quickly channeled in one continuous length through the hollow space in a ceiling or without 10' splices or couplings.



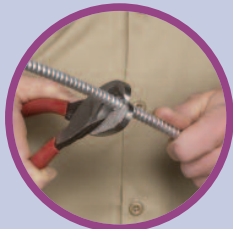
Here are just some of the benefits you get with Corra/Clad®

- Costs can be cut by up to 65%
- More than 50% lighter than Interlock Armor
- Meets or exceeds all requirements of NEC Article 330
- Highly versatile, for numerous applications
- Can be run in long continuous lengths
- Comes in easy to handle reels
- No special tools needed
- Highly corrosion resistant
- UL approved
- Crush resistant
- Waterproof
- Pull easily
- Bends and stays

Installs quick and easy

No other cable installs faster than Corra/Clad®. It installs using the same type of fasteners that are used with EMT or armored cable and can be terminated in outlet or junction boxes using Type MC fittings.

Here's how easy it is:



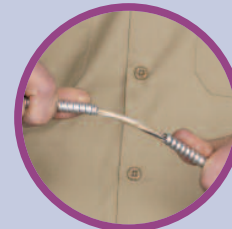
1. Score

Using a knife or cable cutters, score the sheath all the way around at the desired length



2. Separate

Grip cable with both hands on either side of the score, flex and separate



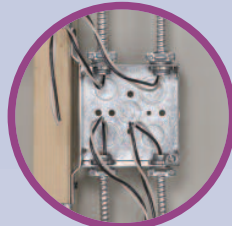
3. Strip

Strip sheath from cable by pulling firmly



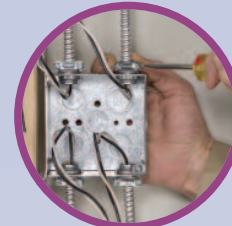
4. Cut

Cut away the protective tape and fillers



5. Spot

Spot the connector at the proper location in the enclosure and tighten with a lock nut



6. Secure

Firmly seat cable end into connector and secure in place by tightening connector with screwdriver while pressing in on the cable

Corra/Clad®

MC Cable

Part Number	Part Number	Size of Conductor	Nominal OD	Stranded	Weight	Aluminum Sheath Ground Size Equivalence*
			in.	in.	lbs./mft	
92852		18/2	0.335	0.355	40	8
92853		18/3	0.345	0.370	49	8
92854		18/4	0.370	0.395	58	6
92652		16/2	0.355	0.370	47	8
92653		16/3	0.370	0.390	61	6
92654		16/4	0.395	0.415	75	6
92452		14/2	0.380	0.400	69	6
92453		14/3	0.390	0.415	88	6
92454		14/4	0.415	0.445	108	6
92252	92202	12/2	0.410	0.435	91	6
92253	92203	12/3	0.430	0.455	119	6
92254	92204	12/4	0.460	0.495	172	6
92152		10/2	0.475	0.530	153	5
92153		10/3	0.495	0.560	198	5
92154		10/4	0.565	0.600	245	3

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

For Hospitals & Nursing Homes (With Insulated Ground Wire)

Part Number	Part Number	Size of Conductor	Nominal OD	Stranded	Weight	Aluminum Sheath Ground Size Equivalence*
			in.	in.	lbs./mft	
92483		14/2 W/G	0.390	0.415	88	6
92484		14/3 W/G	0.415	0.445	108	6
92485		14/4 W/G	0.450	0.480	130	6
92283	92273	12/2 W/G	0.430	0.455	119	6
92284	92274	12/3 W/G	0.460	0.495	172	6
92285	92275	12/4 W/G	0.500	0.535	206	2
92183	92173	10/2 W/G	0.495	0.560	198	5
92184	92174	10/3 W/G	0.565	0.600	245	3
92185	92175	10/4 W/G	0.610	0.640	295	2

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

* When using EXCLUSIVE sheath as a ground, this is the approximate gauge size that the aluminum sheath provides.

Note: Other sizes and custom engineered designs available.

See page 127 for Ordering and Color Code information.



Applicable Codes for Corra/Clad®

NEC Article

- 225.10 Wiring on Buildings
- 250.118 (10) Types of Equipment Grounding Conductors
- 300.22 (B) Ducts or Plenums Used for Environmental Air
- 330 Metal Clad Cable: Type MC
- 392.3 (A) Wiring Methods
- 396.10 (A) Messenger Supported Wiring – Cable Types
- 501.10 (B) Class I, Division 2
- 502.10 (B) Class II, Division 2
- 503.10 (A) Class III, Division 1 & 2
- 511.7 Commercial Garages, Repair & Storage
- 513.7 (A) Aircraft Hangers – Wiring and Equipment Not Installed in Class I Locations – Fixed Wiring
- 515.7 (A) Bulk Storage Plants – Wiring and Equipment Above Class I Locations – Fixed Wiring
- 516.7 (A) Spray Application, Dipping and Coating Process – Wiring and Equipment Not Within Class I and II Locations – Wiring

NEC Article

- 517.10 Health Care Facilities
- 518.4 Assembly Occupancies – Wiring Methods
- 520.5 Theaters, Audience Areas of Motion Picture and Television Studios, Performance Areas and Similar Locations – Wiring Methods
- 530.11 Motion Picture and Television Studios and Similar Locations – Permanent Wiring
- 604.6 (A)(1) Manufactured Wiring Systems – Cables
- 610.11 Cranes and Hoists – Wiring Method
- 620.21 Elevators, Dumbwaiters, Etc. - Wiring Methods
- 645.5 (D) (2) Information Technology Equipment – Under Raised Floors
- 725.11 (B) Remote-Control, Signaling, and Power-Limited Circuits – Safety Control Equipment – Physical Protection
- 760.52 (B) Fire Alarm Systems – PLFA Wiring Methods and Materials
- 800.3 Communications Circuits



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Ordering Guide

LEAD / HOOK UP WIRE

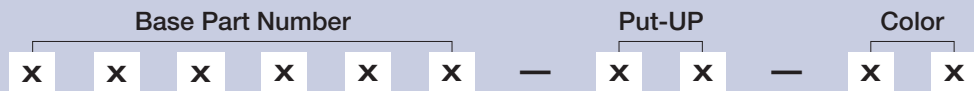
Put-Up	Ordering Suffix
100 feet	01
250 feet	02
500 feet	03
1,000 feet	04
1,500 feet	05
2,000 feet	06
2,500 feet	07
3,000 feet	08
3,500 feet	09
4,000 feet	10
4,500 feet	11
5,000 feet	12
6,000 feet	13
7,000 feet	14
7,500 feet	15
8,000 feet	16
9,000 feet	17
10,000 feet	18
15,000 feet	24
20,000 feet	29
22,000 feet	41
25,000 feet	30
30,000 feet	32

* Other packaging available. Consult factory.

Color	Ordering Suffix
Black	00
Brown	01
Red	02
Orange	03
Yellow	04
Green	05
Blue	06
Purple	07
Gray	08
White	09
Pink	10
Violet	11
Tan	12

* Other colors and stripe available. Consult factory.

Part Number Convention



Example:

If you wish to order: 14 AWG SIS in black on 500' reel.

Your order code would be:





CAPABILITIES



Engineered cable products for any specialty application. From concept to reality — CCI delivers.

At Coleman Cable we do it best...from copper fabrication to manufacturing bulk cables with value added cutting, stripping, terminating and marking to custom shielded cables with a wide variety of materials. Added options include overmolding, connectorization, braiding/armoring and specialty cables. We can provide custom cables and cable assemblies to meet the specific requirements of the performance specifications you need. Applications include marine, wind turbines, solar systems, automation, VFD, electric vehicles, industrial equipment, high-speed data transmission and much more. Assemblies can include a variety of terminals and molded components with any of our multi-conductor shielded and non-shielded cables. We fabricate custom cables for all industries utilizing most connectors—each customized to fit your application. We can provide private label packaging as well as special colors. All of our OEM products are manufactured in ISO 9001:2008 certified facilities and are put to extensive internal quality control evaluations, as well as third party testing to insure our customers receive the highest performance and quality cable possible.

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Capabilities Overview

CAPABILITIES

We provide bulk wire and cable to high volume users – specially designed to meet any performance demand.

Designed to meet your needs with performance you can depend on.

We adhere to exacting high performance design specifications with technical expertise that makes us a world-class manufacturer. Our capabilities are vast and include the following:

- Numerous identification and marking methods
- Zero-defect 100% electrically tested quality assurance
- Manufacturing that meets worldwide standards approvals
- ISO 9001:2008 certified facilities
- JIT delivery
- Specially designed elastomer & PVC molding
- A variety of insulating and jacketing compounds including highly oil resistant compounds to fully submersible cables

Serving Multiple Applications & Markets:

- Plant Maintenance/MRO
- Industrial & OEM
- Material Handling
- Aircraft Aviation Equipment
- Lighting Systems
- Wind & Solar Energy
- Entertainment
- Marine
- Panel Builders & Harness Assembly
- Food Processing
- Military – DOD
- Submersible Environments
- Security Monitoring and Card Access
- Fire Alarm Systems
- Home Network Systems
- Industrial and Commercial Systems
- Irrigation Systems
- HVAC
- Submersible Pumps
- Mobile Home/Manufactured Housing
- Automotive & Electric Vehicles
- Appliances
- Automation – VFD



POWER
with the best™

Capabilities Overview

From stock or by custom design, there's a Coleman Cable to fit your needs.

Examples of cables we offer:

- Portable Cord
- Industrial Flexing Cable
- Special Composite Cable
- Mil-Spec Cable
- Festoon Cables
- Retractable Cords
- Pendant and Reel Cable
- Coax and Electronic Cables
- Geometric Shaped Conductors/Cables
- Tray and Instrumentation Control Cables
- Submersible Cables
- Wind Turbine Cables
- Electric Vehicle Cables
- Aircraft Charging & Boarding Bridge Cables
- Solar Cables
- VFD Cables
- AWG & Metric
- Copper & Bi-Metallic Conductors
- Tin redraw, 10 to 14 AWG, wide range of microinches

We also offer extensive custom capabilities such as:

- Fabricated conductors, bi-metallics, 1000 KcMil to 26 AWG and metricated sizes. Concentric, bunch and flexible custom strandings. Solid Copper Wire 4 to 24 AWG
- Thermoplastic Insulating & Jacketing Compounds: TPE's, PVC's, Polyethylene, Polyurethane, Plenum, Teflon®, low-smoke Zero-Halogen (LS0H) Halar®, Kynar® Thermoset, and more.
- Thermoset Insulating & Jacketing E*Beam Irradiated Compounds: X-Linked, EP, XLP, EPR, CPE, EPDM, Polyolefins and Silicone
- Conductor Colors—both US and European
- Striping—extruded or ink printed
- Band Marking
- Braiding and Shielding—silver flat metallic, copper, tinned copper, aluminum, and non-metallic and textiles
- Jackets for extreme environments
- Armoring—continuous aluminum sheath corrugated or smooth, tapes, braids, serves.
- Custom Assemblies—molded and unassembled
- Performance Specifications Testing
- Private Labeling, Packaging & Kits

Teflon® is a registered trademark of DuPont.

Kynar® is a registered trademark of Elf Atochem, North America.

Halar® is a registered trademark of Ausimont.



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Wind Power Cables

CAPABILITIES



Renewable energy is a vital resource for our evolving power grid of tomorrow. To meet this demand globally, where different environments and systems will be found, several solutions, not simply one, will be required for the effective transfer of power onto the grid. This need for flexibility necessitates a corresponding flexibility in cable design and performance to insure the requirements and demands of all wind generators will be met.

CCI has your answer with several years of wind experience in this emerging market combined with literally hundreds of installation both in the U.S. and abroad, with both standard as well as custom cable designs.



Single Conductor Cable:

- 600v, 1000v, 2000v
- 8 AWG - 1000 kcmil bare or tinned copper
- Flexible or Extra Flexible stranding
- EP, XLP or TPE insulations
- CPE, TPE and Polyolefin jackets
- 105°C, 90°C or 75°C wet /dry
- -40°C cold impact option
- -50°C or -40°C cold bend
- Oil resistant option
- Sun resistant

Available Ratings:

- WTTC, RHHW-2, PPE, AWM, FT-4
- UL, CSA, ETL or c(UL)

*Metric and Awg Conductor sizes available.



Multi-Conductor Cable:

- 600v, 1000v, 2000v
- 8 AWG - 500 kcmil bare or tinned copper
- Flexible or Extra Flexible stranding
- EP, XLP or TPE insulations
- CPE, TPE and Polyolefin jackets
- 105°C, 90°C or 75°C wet /dry
- -40°C cold impact option
- -50°C or -40°C cold bend
- Oil resistant option
- Sun resistant

Available Ratings:

- WTTC, RHHW-2, PPE, AWM, FT-4
- UL, CSA, ETL or c(UL)

*Metric and Awg Conductor sizes available.

Wind Power Cables

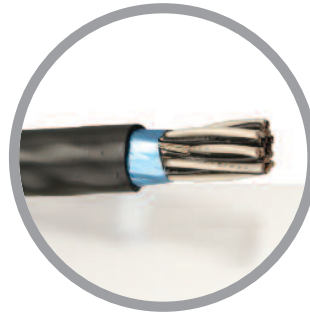


Control Cables:

- 600v, 1000v
- 18 AWG - 10 AWG bare or tinned copper
- Flexible or Extra Flexible stranding
- EP, XLP, TPE or PVC/nylon insulations
- CPE, TPE or PVC jackets
- 105°C or 90°C temp
- -40°C cold impact option
- -50°C or -40°C cold bend
- Oil resistant option
- Sun resistant

Available Ratings:

- WTTC, RHHW-2, PPE, AWM, FT-4
- UL, CSA, ETL or c(UL)



Electronic Instrumentation:

- 600v
- 22 AWG – 16 AWG bare or tinned copper
- Flexible or Extra Flexible stranding
- XLP, TPE or PVC/nylon insulations
- Paired and cabled cores
- Foil and Braid Shields, drain wires
- CPE, TPE or PVC jackets
- 105°C or 90°C temp.
- -40°C or -50°C cold bend
- Oil resistant option
- Sun resistant

Available Ratings:

- WTTC, RHHW-2, PPE, AWM, FT-4
- UL, CSA, ETL or c(UL)



Grounding Cables:

- Insulated 600v or 1000v
- 8 AWG - 1000 kcmil bare or tinned copper
- Concentric to Extra Flexible stranding
- Oil resistant
- Sun resistant
- Lug terminations
- 105°C to -40°C
- Also For Cable Tray use
- FT-1, VW-1
- UL, CSA, ETL or c(UL)



Assemblies:

- Cables cut to specific lengths
- Custom Terminations
- Fitted or Molded connectors
- Lug terminations
- UL, CSA, ETL or c(UL)

Kits are also available.



Solar Power Cables

CAPABILITIES



CCI is your source for Photovoltaic wire and cable for all aspects of the solar industry.

We can supply UL approved PV wires to collect power from solar panels to 2KV rated power cables that tie into the grid. Flexible control cables are available that will insure the integrity and performance of the photovoltaic system in the harshest environments. As a leader in the development of wire and cable products for the renewable energy industry, Coleman Cable has the experience and technical ability to design and manufacture custom products for your application. CCI's Solar Industry products include: Bare Copper, XLP/USE-2/PV, DLO, Type SIS/UL3173, and Royal Solar UL 4703.



Power Cable:

- 600v, 1000v, 2000v
- 14 AWG to 1000 kcmil
- Flexible or Extra Flexible stranding
- EP, XLP or TPE insulations
- 75°C to 150°C
- PVC ,TPE,CPE or LS0H Jacket
- -40°C cold bend/impact options
- Sunlight resistant

Available Ratings:

- UL/CSA/c(UL)



Control Cables:

- 300V & 600v
- 18 AWG to 10 AWG
- Flexible or Extra Flexible stranding
- PVC/nylon, XLP, EP, TPE, LSZH
- 90°C to 105°C
- PVC, CPE, TPE or LS0H Jacket
- Direct burial
- -40°C cold bend/impact options
- Sunlight resistant

Available Ratings:

- UL/CSA/AWM

*Metric and Awg Conductor sizes available. Optional armored designs and custom composites are available

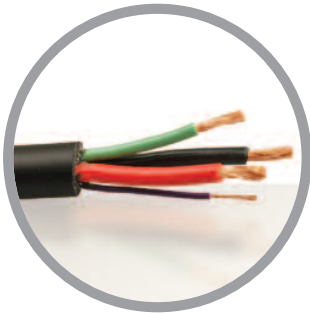
Electric Vehicle Cables



CCI is the leader and innovator of the next generation of electric vehicle charging cables and design options.

In fact Coleman Cable obtained the first UL listing and created electric vehicle cables that were proposed and accepted in the NFPA, NEC. CCI also was part of the Code writing panel for NEC ART 625, Electric Vehicle Charging System. CCI's collaboration with agencies, NEMA, UL, EPRI, SAE, Utilities and Automakers helped to bring today's hybrid and electric vehicle needs. From level-one charging to level-three fast charge, we're ready to power your green applications.

CAPABILITIES



Vehicle Charging Cables:

- 15 to 400 amps
- 300 Volt to 600 Volt
- 18 AWG to 12 AWG EVJE
- 18 AWG to 500 kcmil EVE
- -50°C to 105°C Temp Ratings
- Oil and Sunlight Resistant
- Water, Road Salt, Antifreeze & Acid Resistant
- High Crush Resistant Available
- Optional Optical Fiber/Signal Conductors

Available Ratings:

- UL and SAE Types



On-Board Wires and Battery

- 5 to 500 amps
- 12 Volt to 600 Volt
- 20 AWG to 250 kcmil
- SGT / GXL
- Complete Line of Thermoset or Thermoplastic
- Lead, Battery and Primary Wires Available
- Water, Road Salt, Antifreeze & Acid Resistant

Available Ratings:

- UL and SAE Types



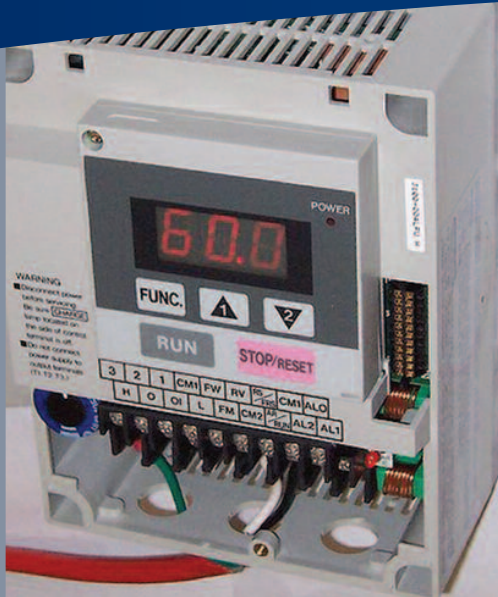
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Variable Frequency Drives (VFD)

CAPABILITIES



Along with renewable energy is the conservation of energy.

An important means of conserving energy was the development of variable frequency drives (VFD) - smaller, more efficient AC motors instead of large, power-hungry DC machines.

While many try to use standard wires and cables to interconnect the motor and controller, they are not only technically inefficient but additionally are not cost effective in the long run! When used, they bring their inefficiencies along with them, from high voltage spikes due to standing waves to corona discharge and premature cable failure. Not only will the cable be compromised but so will be motor bearings and shafts which may experience leakage voltages over time.

To counter these issues, the CCI engineering group has designed VFD cables using state of the art materials and advanced cable design to insure the continued operation of your VFD drive systems.



Industry Approvals:

- CE approved
- CSA AWM I/II A/B FT4
- IEEE 1202 Vertical Tray flame test (70,000 BTU/hour)
- NEC 90°C Wet/Dry rating
- NEC Article 336
- NEC Article 500, Class I & II; Division 2, hazardous locations
- RoHS compliant
- UL 1000V UL Flexible Motor Supply
- UL 1685 Vertical Tray Flame Test
- UL Direct Burial
- UL1277, 600V, Type TC-ER

Features and Materials:

- Oversized XLPE insulations to ward off corona discharge and heat build-up while providing low capacitance levels for extended cable runs.
- Finely stranded conductors available to facilitate tight bend installations while reducing damage due to cable vibration.
- Assorted shield options to meet different system issues.
- Industrial quality jackets that resist normal industrial chemicals as well as the deleterious effects of the sun — robust PVC to industrially-hardened polyurethane & TPE where water can be an issue.
- Round constructions to inhibit dust and dirt build-up while providing traditional installation.

Designs:

- 16 AWG through 4/0 (1.32 through 109 mm²)
- Stranded, tinned copper per ASTM B-33.
- Standard 7-strand and 19-strand designs as well as fine strand Class K strand available
- Heavy foil, double foil, foil/braid & copper tape shielding systems
- Number identifiers on each insulated conductor
- Symmetrical core arrangements with tri-sectored ground conductors in continuous and intimate contact with the overall shield system to mitigate the effects of EMI.
- Aluminum or steel interlocked armors as well as seamless, continuously corrugated armor available.

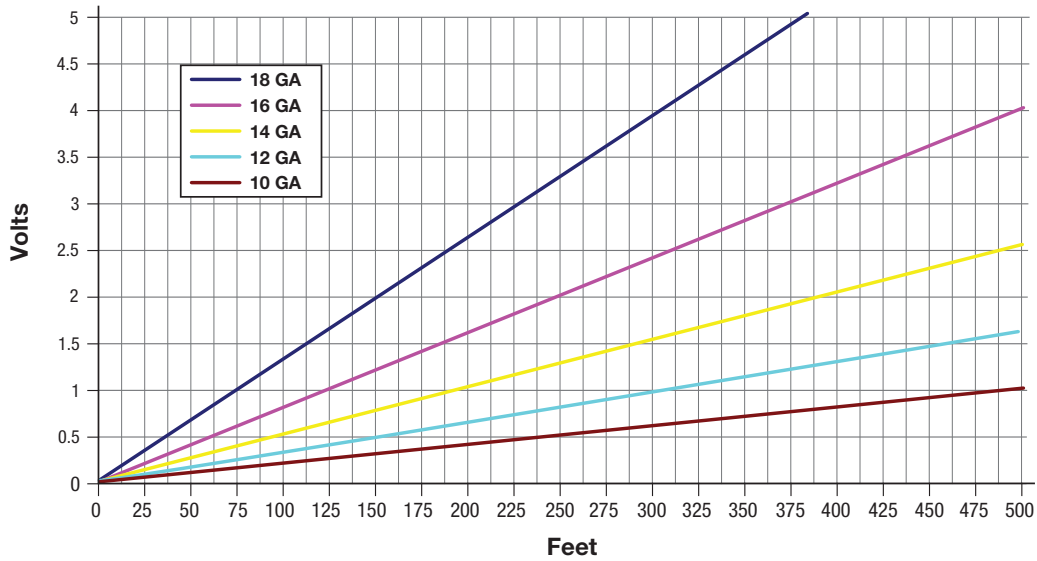


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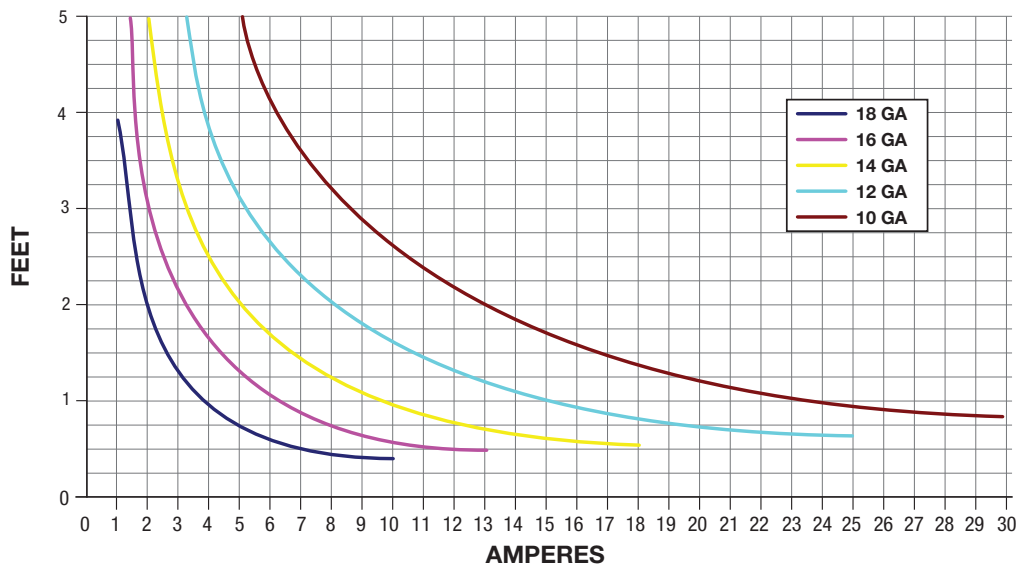
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Voltage Drop per AMP, 20°C, 2 Current-Carrying Conductors



Maximum Cord Length, 5 Volt Drop

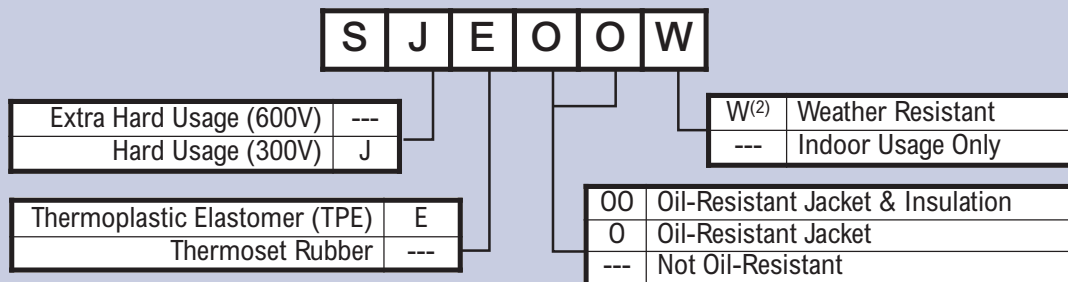


Technical Data

Color Codes for Industrial Cable

ICEA Method 1-E1 (K-1)				ICEA Method 1-E2 (K-2)			
No.	Color Code	No.	Color Code	No.	Color Code	No.	Color Code
1	Black	19	Blue/Red	1	Black	19	Orange/Blue
2	White	20	Red/Green	2	Red	20	Yellow/Blue
3	Red	21	Orange/Green	3	Blue	21	Brown/Blue
4	Green	22	Black/White/Red	4	Orange	22	Black/Orange
5	Orange	23	White/Black/Red	5	Yellow	23	Red/Orange
6	Blue	24	Red/Black/White	6	Brown	24	Blue/Orange
7	White/Black	25	Green/Black/White	7	Red/Black	25	Yellow/Orange
8	Red/Black	26	Orange/Black/White	8	Blue/Black	26	Brown/Orange
9	Green/Black	27	Blue/Black/White	9	Orange/Black	27	Black/Yellow
10	Orange/Black	28	Black/Red/Green	10	Yellow/Black	28	Red/Yellow
11	Blue/Black	29	White/Red/Green	11	Brown/Black	29	Blue/Yellow
12	Black/White	30	Red/Black/Green	12	Black/Red	30	Orange/Yellow
13	Red/White	31	Green/Black/Orange	13	Blue/Red	31	Brown/Yellow
14	Green/White	32	Orange/Black/Green	14	Orange/Red	32	Black/Brown
15	Blue/White	33	Blue/White/Orange	15	Yellow/Red	33	Red/Brown
16	Black/Red	34	Black/White/Orange	16	Brown/Red	34	Blue/Brown
17	White/Red	35	White/Red/Orange	17	Black/Blue	35	Orange/Brown
18	Orange/Red	36	Orange/White/Blue	18	Red/Blue	36	Yellow/Brown

Flexible Cord Nomenclature



- (1) In Canada, "E" becomes "T", with "(TPE)" added after the other letters.
For example, "SJEOW" becomes "SJTOW (TPE)".
- (2) "W-A" prior to 7/2/98 revision of UL62.



Temperature Conversion Factors and Decimal Equivalents

Temperature Conversion Factors Centigrade to Fahrenheit

°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F
-80	-112.0	-20	-4.0	5	41.0	30	86.0	55	131.0	80	176.0	105	221.0	130	266.0	200	392
-70	-94.0	-19	-2.2	6	42.8	31	87.8	56	132.8	81	177.8	106	222.8	131	267.8	210	410
-60	-65.0	-18	-0.4	7	44.6	32	89.6	57	134.6	82	179.6	107	224.6	132	269.6	220	428
-50	-58.0	-17	1.4	8	46.4	33	91.4	58	136.4	83	181.4	108	226.4	133	271.4	230	446
-45	-49.1	-16	3.2	9	48.2	34	93.2	59	138.2	84	183.2	109	228.2	134	273.2	240	464
-40	-40.0	-15	5.0	10	50.0	35	95.0	60	140.0	85	185.0	110	230.0	135	275.0	250	482
-39	-38.2	-14	6.8	11	51.8	36	96.8	61	141.8	86	186.9	111	231.8	136	276.8	300	572
-38	-36.4	-13	8.6	12	53.6	37	98.6	62	143.6	87	188.6	112	233.6	137	278.6	350	662
-37	-34.6	-12	10.4	13	55.4	38	100.4	63	145.4	88	189.4	113	235.4	138	280.4	400	752
-36	-32.8	-11	12.2	14	57.2	39	102.2	64	147.2	89	192.2	114	237.2	139	282.2	500	932
-35	-31.0	-10	14.0	15	59.0	40	104.0	65	149.0	90	194.0	115	239.0	140	284.0	600	1112
-34	-29.2	-9	15.8	16	60.8	41	105.8	66	150.8	91	195.8	116	240.8	141	285.8	700	1292
-33	-27.4	-8	17.6	17	62.6	42	107.6	67	152.6	92	197.6	117	242.6	142	287.6	800	1472
-32	-25.6	-7	19.4	18	64.4	43	109.4	68	154.4	93	199.4	118	244.4	143	289.4	900	1652
-31	-23.8	-6	21.2	19	66.2	44	111.2	69	156.2	94	201.2	119	246.2	144	291.2	1000	1832
-30	-22.0	-5	23.0	20	68.0	45	113.0	70	158.0	95	203.0	120	248.0	145	293.0	1100	2012
-29	-20.0	-4	24.8	21	69.8	46	114.8	71	159.8	96	204.8	121	249.8	146	294.8	1200	2192
-28	-18.4	-3	26.6	22	71.6	7	116.6	72	161.6	97	206.6	122	251.6	147	296.6	1300	2372
-27	-16.6	-2	28.4	23	73.4	48	118.4	73	163.4	98	208.4	123	253.4	148	298.4	1400	2552
-26	-14.8	-1	30.2	24	75.2	49	120.2	74	165.2	99	210.2	124	255.2	149	300.2	1500	2732
-25	-13.0	0	32.0	25	77.0	50	122.0	75	167.0	100	212.0	125	257.0	150	302.0	1600	2912
-24	-11.2	1	33.8	26	78.8	51	123.8	76	168.8	101	213.8	126	258.8	160	320.0	1700	3092
-23	-9.4	2	35.6	27	80.6	52	125.6	77	170.6	102	215.6	127	260.6	170	338.0	1800	3272
-22	-7.6	3	37.4	28	82.4	53	127.4	78	172.4	103	217.4	128	262.4	180	356.0	1900	3452
-21	-5.8	4	39.2	29	84.2	54	129.2	79	174.2	104	219.2	129	264.2	190	374.0	2000	3632

Decimal Equivalents in Inches and Millimeters to Fractions of an Inch

64ths (inches)	Decimals		Fractions (inches)	64ths (inches)	Decimals		Fractions (inches)	64ths (inches)	Decimals		Fractions (inches)
	(inches)	(mm.)			(inches)	(mm.)			(inches)	(mm.)	
1	.0156	0.397		23	.3594	9.128		45	.7031	17.859	
2	.0313	0.794	1/32	24	.3750	9.525	3/8	46	.7188	18.256	23/32
3	.0469	1.191		25	.3906	9.922		47	.7344	18.653	
4	.0625	1.587	1/16	26	.4063	10.319	13/32	48	.7500	19.050	3/4
5	.0781	1.984		27	.4219	10.715		49	.7656	19.447	
6	.0938	2.381	3/32	28	.4375	11.112	7/16	50	.7813	19.843	25/32
7	.1094	2.778		29	.4531	11.509		51	.7969	20.240	
8	.1250	3.175	1/8	30	.4688	11.906	15/32	52	.8125	20.637	13/16
9	.1406	3.572		31	.4844	12.303		53	.8281	21.034	
10	.1563	3.969	5/32	32	.5000	12.700	1/2	54	.8438	21.431	27/32
11	.1719	4.366		33	.5156	13.097		55	.8594	21.828	
12	.1875	4.762	3/16	34	.5313	13.493	17/32	56	.8750	22.225	7/8
13	.2031	5.159		35	.5469	13.890		57	.8906	22.621	
14	.2188	5.556	7/32	36	.5625	14.287	9/16	58	.9063	23.018	29/32
15	.2344	5.953		37	.5781	14.684		59	.9219	23.415	
16	.2500	6.350	1/4	38	.5938	15.081	19/32	60	.9375	23.812	7/8
17	.2656	6.747		39	.6094	15.478		61	.9531	24.209	
18	.2813	7.144	9/32	40	.6250	15.874	5/8	62	.9688	24.606	31/32
19	.2969	7.541		41	.6406	16.272		63	.9844	25.003	
20	.3125	7.937	5/16	42	.6463	16.668	21/32	64	1.0000	25.400	1
21	.3281	8.334		43	.6719	17.065					
22	.3438	8.731	11/32	44	.6875	17.462	11/16				

Conversion Factors

English / Metric Unit Conversions

Length	Area	Volume	Mass
Inches x 25.4 = Millimeters	Inch ² x 6.4516 = Centimeter ²	Inch ³ x 16.387 = Centimeter ³	Ounce x 8.3495 = Gram
Millimeters x 0.039373 = Inches	Centimeter ² x 0.1550 = Inch ²	Centimeter ³ x 0.06102 = Inch ³	Gram x 0.03527 = Ounce
Kilometers x 0.6214 = Miles	Feet ² x 0.0929 = Meter ²	Feet ³ x 0.028317 = Meter ³	Pound (advp) x 0.4536 = Kilogram
Miles x 1.609 = Kilometers	Meter ² x 10.7639 = Feet ²	Meter ³ x 35.3148 = Feet ³	Kilogram x 2.205 = Pound (advp)
Feet x 0.3048 = Meters	Mile ² x 2.590 = Kilometer ²		Kilogram/km x 0.67198 = Pounds (advp)/kft
Meters x 3.281 = Feet	Kilometer ² x 0.3861 = Mile ²		Pounds (advp)/kft x 1.4816 = Kilogram/km
Ohms/km x 0.3048 = Ohms/kft	Circular Mil x 0.7854 =		Pounds (advp)/Inch ² x 7.0307 x 10 ⁻⁴ kg/mm ²
Ohms/kft x 3.2808 = Ohms/km	Mil ² x 1.27324 = Circular Mil		Kilograms/mm ² x 1422.28 = Pounds (advp)/Inch ²

AWG / Metric Conductor Chart (Solid Conductors at 20°C)

AWG	O.D. (mils)	CMA (Nom.)	O.D., (mm)	mm ²	AWG	O.D. (mils)	CMA (Nom.)	O.D., (mm)	mm ²
4/0	460.0	211600	11.684	136.52	27	14.2	201	0.3607	0.130
3/0	409.6	167772	10.404	108.24	28	12.6	158	0.3200	0.102
2/0	364.8	133079	9.266	85.86	29	11.3	127	0.2870	0.082
1/0	324.9	105560	8.252	68.10	30	10.0	100	0.2540	0.065
1	289.3	83694	7.348	53.00	31	8.9	79.2	0.2261	0.051
2	257.6	66357	6.543	42.81	32	8.0	64.0	0.2032	0.041
3	229.4	52624	5.827	33.95	33	7.1	50.4	0.1803	0.033
4	204.3	41738	5.189	26.93	34	6.3	39.7	0.1600	0.026
5	181.9	33087	4.620	21.35	35	5.6	31.4	0.1422	0.020
6	162.0	26244	4.115	16.93	36	5.0	25.0	0.1270	0.016
7	144.3	20822	3.665	13.43	37	4.5	20.2	0.1143	0.013
8	128.5	16512	3.264	10.65	38	4.0	16.0	0.1016	0.010
9	114.4	13087	2.906	8.44	39	3.5	12.2	0.0889	0.0079
10	101.9	10383	2.588	6.70	40	3.1	9.61	0.0787	0.0062
11	90.7	8226	2.304	5.31	41	2.8	7.84	0.0711	0.0051
12	80.8	6528	2.052	4.21	42	2.5	6.25	0.0635	0.0040
13	72.0	5184	1.829	3.34	43	2.2	4.84	0.0559	0.0031
14	64.1	4108	1.628	2.65	44	2.0	4.00	0.0508	0.0026
15	57.1	3260	1.450	2.10	45	1.76	3.10	0.0447	0.0020
16	50.8	2580	1.290	1.66	46	1.57	2.46	0.0399	0.0016
17	45.3	2052	1.151	1.32	47	1.40	1.96	0.0356	0.0013
18	40.3	1624	1.024	1.05	48	1.24	1.54	0.0315	0.0010
19	35.9	1288	0.912	0.83	49	1.11	1.23	0.0282	0.00079
20	32.0	1024	0.813	0.66	50	0.99	0.980	0.0251	0.00063
21	28.5	812	0.724	0.52	51	0.88	0.774	0.0224	0.00050
22	25.3	640	0.643	0.41	52	0.78	0.608	0.0198	0.00039
23	22.6	510	0.574	0.33	53	0.70	0.490	0.0178	0.00032
24	20.1	404	0.511	0.26	54	0.62	0.384	0.0157	0.00025
25	17.9	320	0.455	0.21	55	0.55	0.303	0.0140	0.00020
26	15.9	252	0.4039	0.163	56	0.49	0.240	0.0124	0.00015



AB: Butyl rubber insulated, high-voltage cable.

ABC: 600 volt rated, BX-armored building wire with PVC insulation. Formerly referred to as Armored Brush Cable.

Abrasion Resistance: Ability of a wire, cable or material to resist surface wear.

AC: Flexible metal tape armored cable for branch circuit & feeder cable applications.

Accelerated Aging: A test in which voltage, temperature, etc. are increased above normal operating values to obtain observable deterioration in a relatively short period of time.

ACR: Corona resistant insulation.

ACS: American Chemical Society.

ACSR: Aluminum conductor, steel reinforced.

ACT: Armored cable that contains plastic insulated conductors.

ACU: Armored cable that contains latex rubber insulated conductors.

ACV: Varnished cambric insulation, PVC interlocked armor. 5000 Volts.

Aerial Cable: A cable suspended in the air on poles or other overhead structure.

AF: Asbestos insulated, single solid or stranded conductor fixture wire. Impregnated with moisture resisting, flame retarding compound. With or without braid. 300V, 150°C.

AFS: Two-or-three-conductor, heat resistant cord with impregnated-asbestos insulation and rubber jacket. For use in damp locations. 300V.

AFSJ: Same as AFS but for lighter (junior) service. 300V.

AGS: Solid, stranded or flexible nickel conductor, silicone-impregnated asbestos.

AI: Appliance wire same as type A, but moisture resistant as well as heat and flame resistant; dry locations only. Without braid. 300V, 125°C.

AL or **ALS:** Used as a suffix to denote a wire or cable having an aluminum sheath.

Aliphatic: Organic compound that is not aromatic (it lacks a particular arrangement of atoms in its molecular structure). Memory Trick: Aliphatic hydrocarbons are major components in material such as gasoline and oil-based paints.

Alkall: Soluble salt consisting of potassium or sodium carbonate.

Alkane: Any of numerous saturated hydrocarbons (also called paraffin).

Alkene: Any of numerous unsaturated hydrocarbons having one double bond (such as ethylene).

Alloy: A metal formed by combining two or more different metals to obtain desirable properties.

Alternating Current: electric current that continually reverses its direction. It is expressed in cycles per second (hertz or Hz).

Ambient Temperature: The temperature of a medium surrounding an object.

American Wire Gauge (AWG): A standard system for designating wire diameter. Primarily used in the United States.

Ampacity: The amount of current (electrical flow) a conductor can carry. The larger the wire size, the greater the amount of current. Current is expressed in amperes (AMP).

Ampere: The unit of current. One ampere is the current flowing through one ohm of resistance at one volt potential.

AN: Aircraft wire.

Analog: Representation of data by continuously variable quantities.

Annealed Wire: Wire which after final drawdown, has been heated and slowly cooled to remove the effects of cold working.

ANSI: American National Standards Institute.

ASA: American Standards Association. Former name of ANSI.

Anti-Oxidant: A substance which prevents or slows down oxidation of material exposed to heat.

ASE: Service entrance cable, above or below ground use. Some constructions suitable for under ground use. Flame retardant, moisture resistant, abuse resistant covering.

ASME: American Society of Mechanical Engineers.

ASTM: American Society for Testing and Materials.

Attenuation: Power loss in an electrical system. In cables, generally expressed in dB per unit length.

AV or **AVC:** Asbestos and varnished-cambric insulated, with asbestos or glass braid. 600V, 110°C.

AVA: Impregnated asbestos and varnished-cambric insulated, with asbestos or glass braid.

AVB: Same as AVA, but with cotton braid. 600V, 90°C.

Glossary

AVL: Same as AVA, except lead sheath replaces asbestos or glass braid. 600V, 110°C; 5000V, 100°C.

AVPD: Two- or three- conductor heat and moisture resistant cord, asbestos and varnished-cambric insulation with asbestos braid. Round construction, flame retardant, moisture resistant finish. For use in damp locations. 600V, 110°C.

AVPO: Same as AVPD, but two-conductor flat construction.

AWG: American Wire Gauge. Based on the circular mil system. 1 mil equals 0.001".

AWM: Appliance Wiring Material.

B: Same as AVC. Motor lead wire.

Band Marking: A continuous circumferential band applied to a conductor at regular intervals for identification.

Bandwidth: The difference between the upper and lower limits of a given band of frequencies. Expressed in Hertz (Hz).

Balanced Circuit: A circuit so arranged that the impressed voltages on each conductor of the pair are equal in magnitude but opposite in polarity with respect to Ground.

BDC: Plastic bus drop cable.

Bend Radius: The radius of curvature that a wire or cable can bend without causing any damaging effects.

Binder: A spirally served tape or thread used for holding assembled cable components in place awaiting subsequent manufacturing operations.

Bit Error Rate (BER): Discrepancy between outgoing and incoming bits transmitted between.

Bond Strength: Amount of adhesion between surfaces, such as when surfaces are cemented together.

Braid: A fibrous or metallic group of filaments interwoven in cylindrical form to form a covering over one or more wires.

Braid Angle: The smaller of the two angles formed by the shielding strand and the axis of the cable being shielded.

Braid Carrier: A spool or bobbin on a braider which holds one group of strands or filaments consisting of a specific number of ends. The carrier resolves during braiding operations.

Braid Ends: The number of strands used to make up one carrier. The strands are wound side by side on the carrier bobbin and are laid parallel in the finished braid.

Breakdown Voltage: The voltage at which the insulation between two conductors is destroyed.

Breakout: The point at which a conductor or group of conductors is separated from a multiconductor cable to complete circuits at various points along the main cable.

BS6746: British Standard for PVC insulation and sheath of electric cable.

Bunch Stranding: A group of wires of the same diameter twisted together without a predetermined pattern.

Butyl: Synthetic rubber polymer.

BW: Braided wire armor. Basket weave.

BX: Armored building wire, 600V.

C: Lamp cord, two or more conductors twisted together. Rubber insulation, cotton braid for pendant or portable use in dry places. Not overall covering. 300V or 600V, 60°C. For pendant or portable use in dry places. Not overall covering. 300V or 600V, 60°C.

Cable Assembly: A length of fiber optic cable with connectors on one or both ends.

Cable Track (C-Track): Flexible plastic or metallic tray, used to guide and protect cables in high speed motion applications.

Cable Tray: See "Cable Track".

CAC: Flexible copper synthetic tapes, felted asbestos and lacquered braid. 1000V, 125°C.

CAD: Computer Aided Design.

CAM: Computer Aided Manufacturing.

Cambric: Cotton cloth tape coated with an insulation varnish used on extremely high voltage conductors.

Capacitance: The storage of electrically separated charges between two conductor surfaces having different potentials. The value depends upon the surface area of the conductors and the distance between them. Capacitance is expressed in Pico farad per foot (pF/ft).

Carrier Frequency: The Electromagnetic wave Frequency selected to transmit information. Optical carrier Frequency is from the infrared, visible range or ultraviolet spectrum (1012 Hz and above).

CATV: Community Antenna Television. For general use within buildings in accordance with NEC Article 820.

CATVP: Community Antenna Television. For use within buildings in ducts, plenums or other spaces used for environmental air in accordance with NEC Article 820.

CATVR: Community Antenna Television. For use within buildings in vertical shafts in accordance with NEC Article 820.



CATVX: Community Antenna Television. For limited use within buildings in accordance with NEC Article 820.

CB: Rubber-insulated brewery cord, with weatherproof braid on each conductor. Twisted, no overall covering.

CBO: Polychloroprene-insulated brewery cord for use in damp locations.

CCTV: Closed Circuit Television.

CE: (Conformité Européenne) is a European Economic Community approval indicating that a product complies with a European Directive. retardant, moisture resistant covering. Overall polychloroprene sheath. 60°C - 75°C.

Cellular (Foam) Polyethylene: Expanded or "foam" polyethylene consisting of individual closed cells suspended in a polyethylene medium.

CENELEC: European Economic Community Committee for Standardization of technical requirements.

Certificate of Compliance (C of C):

A certificate which is normally generated by a Quality Control Department, which shows that the product being shipped meets the customer's specifications.

Certified Test Report (CTR): A report providing actual test data on a cable. Tests are normally run by a Quality Control Department, which shows that the product being shipped conforms to test specifications.

CF: Fixture wire, heat resistant, with flame retardant, moisture resistant impregnated cotton insulation. With or without plain or fancy cotton or rayon braid. 300V, 90°C.

CFC: Two or three CF type wires twisted together without overall covering. Color-coded. 300V, 90°C.

CFPD: Two or three CF type wires twisted together with overall covering. Color-coded. 300V, 90°C.

CFPO: Two CF type wires laid parallel with overall braid. Color-coded. 300V, 90°C.

Characteristic Impedance: The ration of voltage to current at each point along a transmission line on which there are no standing waves. Characteristic impedance is expressed in Ohms (Ω).

Circular MIL: The area of a circle on mil (.001") in diameter; 7.845×10^{-7} sq. in. Used in expressing wire cross sectional area.

CL2: Cable intended for use in class 2 circuits within a building in accordance with NEC Article 725.

CL2P: NEC Article 725 Class 2 Plenum remote control, signaling and power-limited cables. Meets UL 910 (Steiner Tunnel Test) for Class 2 systems.

CL2R: NEC Article 725 Class 2 Riser remote control, signaling and power-limited cables. Meets Riser Flame test for Class 2 systems.

CL2X: NEC Article 725 Class 2 Dwelling remote control, signaling and power-limited cables. Meets VW-1 flame test for Class 2 systems.

CL3: Cable intended for use in class 3 circuits within a building in accordance with NEC Article 725.

CL3P: NEC Article 725 Plenum remote control, signaling and power-limited cables. Meets UL 910 (Steiner Tunnel Test) for Class 3 systems.

CL3R: NEC Article 725 Class 3 Riser remote control, signaling a power-limited cables. Meets Riser Flame test for Class 3 systems.

CL3X: NEC Article 725 Class 3 Dwelling remote control, signaling power-limited cables. Meets VW-1 flame test for Class 3 systems.

CM: NEC Article 725 Communications Wires and Cables General Purpose. Meets Vertical Tray flame test for communications systems.

CMG: NEC Article 725 Communications Wires and Cables General Purpose.

CMP: NEC Article 725 Communications Wires and Cables Plenum. Meets Steiner Tunnel Test for communications systems.

CMR: NEC Article 725 Communications Wires and Cables Riser. Meets Riser flame test for communications systems.

CMUC: Indicates cable for under carpet use in accordance with section 800.53(E)(6) of the NEC.

CMX: NEC Article 725 Communications Wires and Cables Dwellings. Meets VW-1 flame test for communications systems.

Cold Flow: Deformation of the insulation due to mechanical force or pressure (not due to heat softening).

Collected Volatile Condensable Material (%CVCM): The percent of the original sample weight that condenses on a cold receiver in the test apparatus.

Common Axis Cabling: In multiple cable constructions, a twisting of all conductors about a "common axis" with two conductor groups then selected as pairs. This practice yields smaller diameter constructions than does a separate axis construction, but tends to yield greater susceptance to EMI and ESI.

Common Mode: (Noise), caused by a difference in “group potential”. By ground at either end rather than both ends (usually grounded at source) one can reduce this interference.

Concentric Stranding: A central wire surrounded by one or more layers of helically wound strands in a fixed round geometric arrangement.

Concentricity: In a wire or cable, the measurement of the location of the center of the conductor with respect to the geometric center of the surrounding insulation.

Conductance (G): The ability of a conductor to carry an electrical charge. The ratio of the current flow to the potential difference causing the flow. The reciprocal of resistance. Conductance is expressed in siemens (S).

Conductivity: The capability of a material to carry electrical current – usually expressed as a percentage of copper conductivity (copper being 100%).

Conductor: An uninsulated wire suitable for carrying electrical current.

Conformite Europeenne (CE): Is a European Community approval indicating that a product complies with a European Directive.

Continuous Vulcanization: Simultaneous extrusion and curing of Elastomeric wire coating materials.

Control Cable: A multiconductor cable made for operation in control or signal circuits.

Copolymer: A compound resulting from the polymerization of two different monomers.

Copper-Clad: Steel with a coating of copper welded to it.

Corona: The ionization (charging) of air around a conductor within an insulation material due to high voltage levels.

Corrosion: The deterioration of a material by chemical reaction or galvanic action.

Crazing: The minute cracks on the surface of plastic materials.

CRCS: Continuous Rigid Cable Support; synonymous with a tray.

Creep: The dimensional change with time of a material under load.

Cross-linked: A term denoting intermolecular bonds between long chain Thermoplastic polymers, affected by chemical or irradiation techniques.

CRT: Cathode Ray Tube; common terminology for a video display terminal. Also referred to as VDU or VDT.

CSA: Canadian Standards Association.

C Track: A cable guide mechanism manufactured of either plastic or metal used in continuous flexing applications.

Cut-Through Resistance: The ability of a material to withstand mechanical pressure, (usually a sharp edge or small radius) without separation.

CV: Continuous Vulcanization. Simultaneous extrusion and vulcanization of wire coating materials.

CX: Two conductor, #18 AWG, rubber-insulated, twisted Christmas tree cord. 300V.

CXT: Two conductor, #18, plastic-insulated, twisted Christmas tree cord. 300V.

Cycle Life: The number of repetitive flex motions that a wire or cable can withstand prior to breakdown.

D: Used as a suffix to indicate a twin wire with two insulated conductors laid parallel under an outer, non-metallic covering.

DBS: Acronym meaning Digital Broadcast System.

Decibel (dB): A unit to express differences of power level. A term that expresses two power levels used to indicate gains or losses in a system.

Derating Factor: A factor used to reduce the current carrying capacity of a wire when used in environments other than that for which the value was established.

Dielectric: Any insulating material between two conductors, which permits Electrostatic attraction and repulsion to take place across it.

Dielectric Constant (ε): The ratio of the capacitance using the material in question as the Dielectric, to the capacitance resulting when the materials is replaced by air.

Dielectric Strength: The voltage which an insulation can withstand before breakdown occurs. Usually expressed as a voltage gradient (such as volts per mil).

Direct Current (DC): An electric current which flows in one direction.

DR: Rubber range and dryer cord (CSA).

Drain Wire: In a cable, the uninsulated wire in intimate contact with a shield to provide for easier termination of such a shield to Ground.

DRO: Polychloroprene range and dryer cord (CSA).

DRT: Plastic range and dryer cord (CSA).

Duplex Insulated: In the thermocouple industry, a combination of dissimilar metal conductors of a thermocouple or Thermocouple Extension Wire.

E: Elevator lighting and control cable. Rubber insulation, three overall braids, outer flame retardant and moisture resistant. May have steel supporting strand in center. 300V.

EIA: Electronic Industries Association.

Elastomer: A class of long-chain polymers capable of being crosslinked to produce elastic compounds, e.g. polychloroprene and ethylene propylene rubber.

Electromagnetic: Pertaining to the combined electric and magnetic fields associated with movements of electrons through conductors.

Electromotive: (EMF): Pressure or voltage. The force which causes current to flow in a circuit.

Electrostatic: Pertaining to static electricity at rest. A constant intensity electric charge.

Elongation: The fractional increase in length of a material stressed in tension.

EMI: Electromagnetic Interference.

EO: Elevator lighting and control cable. Rubber insulation, cotton braid, polychloroprene jacket. May have steel supporting strand in center. 300V.

ET: Elevator lighting and control cable. PVC insulation, three braids, flame retardant and moisture retardant finish. May have steel supporting strand in center. 300V.

Ethylene Propylene Rubber (EPR): An ozone-resistant rubber consisting primarily of ethylene propylene Copolymer (EPM) or ethylene-propylene-diene monomer rubber (EDPM).

External Interference: The effects of electrical waves or fields which cause spurious signals other than the desired intelligence, e.g. noise.

F: Flat band metallic armor.

Farad: (F): Unit of capacitance whereby a charge of one coulomb produces a one volt potential difference.

Fatigue Resistance: Resistance to metal crystallization which leads to conductors breaking from flexing.

FCC: Flexible Control Cable.

FEP: Fluorinated ethylene propylene-insulated wire. 90°C dry and damp locations; 200°C dry locations (special applications).

FEPB: Fluorinated ethylene propylene-insulated wire but with glass or asbestos.

FF-1: Fixture wire. Flexible, rubber-insulated, single conductor. 300V, 60°C.

FF-2: Same as FF-1 with 600V rating.

FFH-1: Heat resistant fixture wire; otherwise same as FF-1, 300V.

FFH-2: Same as FFH-1 with 600V rating.

Filler: (1) A material used in multiconductor cables to occupy large interstices formed by the assembled conductors. (2) An inert substance added to a compound to improve properties or decrease cost.

Fluorinated Ethylene Propylene (FEP) is a “Teflon” fluorocarbon resin and is a Registered T.M. of the DuPont Company. This is a melt extrudable fluorocarbon resin.

Flat Cable: Multiconductor cable arranged in a parallel type configuration manufactured with controlled tolerance spacing.

Flame Resistance: The ability of a material not to propagate flame once the flame source is removed.

Flammability: The measure of the material’s ability to support combustion.

Flex Life: The measurement of the ability of a conductor or cable to withstand repeated bending.

Flexibility: That quality of a cable or cable component which allows for bending under the influence of outside force, as opposed to limpness which is bending due to the cable’s own weight.

Foamed Plastics: Insulations having a cellular structure.

FPL: NEC Article 760 Power-limited fire protective signaling cables General Purpose. Meets Vertical Tray flame test.

FPLP: NEC Article 760 Power-limited fire protective signaling cables Plenum. Meets Vertical Tray flame test.

FPLR: NEC Article 760 Power-limited fire protective signaling cables Riser. Meets Riser flame test.

FR-1: A flammability rating established by UL for wires and cables that pass a specially designed vertical flame test. This designation has been replaced by VW-1.

Frequency: Refers to the number of cycles per second of an AC signal or an RF signal.

FRMR: Flame retarding moisture resisting finish.

FT1: Flammability rating established by Canadian Standards Association for a vertical flame test of wire and cable.

FT4: Flammability rating established by Canadian Standards Association for a vertical flame test of cables in cable trays.

FT6: Flammability rating established by Canadian Standards Association for horizontal flame and smoke testing of cables.

FTIR: Fourier Transform Infrared Spectroscopy. A failure analysis technique that provides information about the chemical bonding/ molecular structure of materials and identify unknown materials.

FX: Single rubber-insulated Christmas tree wire with outer braid. 125V, 60°C.

FXT: Single plastic-insulated Christmas tree wire. 125V, 60°C.

G: 95°C rubber-insulated, polychloroprene-jacketed, portable power cable with two to five #8 AWG or larger conductors with ground wires.

Gauge: A term used to denote the physical size of a wire.

GOR: Gasoline and oil resistant.

GPIB: General Purpose Interface Bus Assembly typically used for interconnecting measurement devices.

Ground: The connection between an electrical circuit and the earth or other large conducting body to serve as the earth thus making a complete electrical circuit.

GTO: Gas tube sign and oil burner ignition cable. 5000V-15000V.

H: Shielded power cable. Multi-conductor cables have paper or varnished-cambric insulation applied directly over individual conductors. Spiraled metallic shielding tape over insulation with overall protective covering.

Harmonized (HAR): Products meeting requirements of CENELEC for use in European Economic Community.

Harness: An arrangement of wires and cables, usually with many breakouts, which have been tied together or pulled into a rubber sheath, used to interconnect electric circuits.

Hash Mark Stripe: A non-continuous Helical Stripe applied to a conductor for identification.

HC: Two or more conductor heater cord, asbestos- and rubber-insulation with cotton braid over each conductor. Twisted, no overall covering.

Heat Distortion: Distortion of a material due to the effects of heat.

Heat Shock: A test to determine stability of a material by sudden exposure to a high temperature for a short period of time.

Helical Stripe: A continuous, colored, spiral stripe applied to a conductor for circuit identification.

Hertz (Hz): A term replacing cycles-per-second as a unit of Frequency.

HF: Polyethylene-insulated radio hookup wire or without braid

Hi-Pot: A test designed to determine the highest voltage that can be applied to a conductor without electrically breaking down the insulation.

Hook-Up Wire: A single insulated conductor used for low current, low voltage (usually under 1000 Volts) applications within enclosed electronic equipment.

HPD: Rubber and asbestos-insulated heater cord. No braid in individual conductors but with braid overall. Also made with polychloroprene-insulation and no asbestos or PVC/NBC.

HPN: Two-conductor, polychloroprene-insulated heater cord. Parallel construction. For use in damp locations.

HS: Rubber- and asbestos-insulated heater cord. Cotton serve and rubber-jacketed overall. For use in damp locations, #14 or #12 conductors. Also made with polychloroprene-insulated inners.

HSJ: Same as type HSD but with #18 or #16 conductors and differing thickness of jacket.

HSJO: Same as HSJ but with polychloroprene jacket.

HSO: Polychloroprene jacketed heater cord.

HW: Radio hookup wire with PVC insulation. With or without nylon jacket, braid or shield. 2500V.

Hydrocarbon: Organic chemical compound that is comprised of only carbon (C) and hydrogen (H) atoms.

Hygroscopic: Readily absorbing and retaining moisture.

Hypalon: DuPont's trade name for their chlorosulfonated polyethylene, an ozone-resistant synthetic rubber.

I: Interlocked armor of aluminum, bronze or steel.

ICEA: Insulated Cable Engineers Association.

IEC: International Electro technical Commission.

IEEE: Institute of Electrical and Electronics Engineers.

Impact Strength: A test for determining the mechanical punishment a cable can withstand without physical or electrical breakdown by impacting with a given weight, dropped a given distance, in a controlled environment.

Impedance: The total opposition (reactance, X & resistance, R) that a circuit offers to the flow of alternating current (AC) at any given frequency. Impedance is expressed in Ohms. Impedance is not length related.

IMSA: International Municipal Signal Association.

Index of Refraction: The ratio of the velocity of light in free space to the velocity of light in a given material.

Inductance: The property of a circuit or circuit element that opposes a change in current flow, causing current changes to lag behind voltage changes. This is expressed in micro henries per foot (uH/Ft).

Insulation: A material having high resistance to the flow of electric current.

Insulation Resistance (I.R.): That resistance offered by an insulation to an impressed dc voltage, tending to produce a leakage current through the insulation.

Interference: Electrical or Electromagnetic disturbances which introduce undesirable responses into other electronic equipment.

Interstices: Voids or valleys between individual strands in a conductor or between insulated conductors in a multi-conductor cable during extreme flexing.

IPCEA: Insulated Power Cable Engineers Association.

IPE: Irradiated polyethylene tape.

Irradiation: In insulations, the exposure of the material to high energy emissions to alter the molecular structure by cross-linking.

ISA: Instrument Society of America.

ISO: International Standards Organization.

J: Asphaltic jute, non-metallic armor.

Jacket: An outer covering, usually non-metallic, mainly used for protection against the environment.

KPSI: Tensile strength in thousands of pounds per square inch.

Kynar: Pennwalt trade name for polyvinylidene fluoride, a fluorocarbon material used as insulation for wire wrap wire.

L: Denotes lead sheath.

Lay: The length measured along the axis of a wire or cable required for a single strand (in stranded wire) or conductor (in cable) to make one complete turn about the axis of the conductor or cable. 3.28 feet.

LESCW: Low energy safety circuit wire.

LW: Radio hookup wire with PVC insulation. With or without nylon jacket, braid or shielding braid. 300V.

M: Suffix indicating two or more insulated, twisted conductors under an outer, non-metallic covering.

MATV: Acronym for Master Antenna Television System.

MC: Denotes cable with interlocking metal tape or corrugated tube enclosure.

MCM: One thousand circular mils.

Mho: The unit of conductivity. The reciprocal of an ohm

MHz: Megahertz (one million cycles per second). Formerly Mc.

MI: One or more conductors insulated with highly compressed magnesium oxide and enclosed in liquid-/gas-tight metallic tube. 90°C dry and wet locations; 250°C for special applications.

Mil: A unit used in measuring diameter of a wire or thickness of insulation over a conductor. One one-thousandth of an inch (.001").

Mis-Match: A termination having a different impedance than that for which a circuit or cable is designed.

ML: Single-conductor, paper-lead cables twisted together without overall covering. Type A: AVC mine locomotive cable; Type B: motor lead wire.

MN: Mining Machine cable.

Modulation: The coding of information onto the carrier Frequency. Modulation means include (among others) amplitude, frequency, or phase pulse many forms of on-off Digital coding.

Modulus of Elasticity: The ratio of stress to strain in an elastic material.

Moisture Absorption: The amount of moisture, in percentage, that a material will absorb under specified conditions.

Moisture Resistance: The ability of a material to resist absorbing moisture from the air or when immersed in water.

Monomer: The basic chemical unit used in building a polymer.

Glossary

MP: NEC Article 800 Multipurpose Cables General Purpose. Meets Vertical Tray flame test. This listing will no longer be permitted after 7/1/2003

MPG: NEC Article 800 Multipurpose Cables General Purpose. This listing will no longer be permitted after 7/1/2003.

MPP NEC Article 800 Multipurpose Cables Plenum. Meets Steiner Tunnel test. This listing will no longer be permitted after 7/1/2003

MPR: NEC Article 800 Multipurpose Cables Riser. Meets Riser flame test. This listing will no longer be permitted after 7/1/2003

MRFR: Moisture resistant, flame retardant finish

MTW: Moisture, heat and oil resistant thermoplastic-insulated machine tool wire. 90°C to 105°C, 600V

MUX: Unit that allows the simultaneous transmission of multiple messages over a single cable

MW: Radio hook-up wire with PVC insulation and plain or nylon jacket, braid, or shield. 1000V

Mylar: DuPont trade name for a polyester material.

National Electrical Code (NEC): A consensus standard published by the National Fire Protection Association (NFPA) and incorporated in OSHA regulations.

NBC: A blend of acrylonitrile-butadiene rubber and PVC. Used for jacketing.

NBS: National Bureau of Standards.

NEC: National Electrical Code; oftentimes simply referred to as the "CODE".

NEMA: National Electrical Manufacturers Association.

NFPA: National Fire Protection Association; the administrative sponsor of the NEC.

NM: Non-metallic sheathed cable, braid or plastic covered. For dry use. 60°C.

NM-B: Type NM cable using 90°C insulation.

NMC: Non-metallic sheathed cable, plastic or polychloroprene covered. Wet or dry use, 60°C.

NMC-B: Type NMC cable using 90°C insulation.

NRHW: Moisture and heat resistant rubber insulation with polychloroprene jacket for use in ducts. Dry and wet locations. 600V, 75°C.

Nylon: A group of polyamide polymers which are used for wire and cable jacketing.

OFHC: Oxygen-Free High Conductivity Copper.

OFN: NEC Article 770 Optical Fiber Network.

OFNP: NEC Article 770 Optical Fiber Network Plenum.

OFNR: NEC Article 770 Optical Fiber Network Riser.

OHM (Ω): Unit of resistance such that a constant current of one Ampere produces a force of one Volt.

OSHA: Occupational Safety and Health Act; covers all factors relating to safety in the workplace.

Outgassing: The percentage of a gas released during the combustion of insulation or jacketing materials. Outgassing is a critical concern in many applications, such as those involving space uses due to the chemical composition of materials.

Overlap: The amount the trailing edge laps over the leading edge of a tape wrap.

P: Two or more rubber-insulated stranded conductors with cotton braid over each. Overall cover of cotton braid reinforcement over rubber filler. For pendant or portable use in damp locations. 300V-600V.

Pairing: The union of two insulated single conductors through twisting.

PBM-122: Trailing mine cables.

PCG: Portable mine cable with power, control and ground conductors.

PD: Rubber-insulated, stranded conductors with cotton braid over each. Conductors twisted with braid overall. Light duty, dry locations on appliances. 300V.

PFA: Perfluoroalkoxy; fluoropolymer used as a wire insulation.

PFAH: High temperature version of PFA used for dry locations only; 250°C rated.

PG: Portable mine cables containing power and ground conductors. 600V.

Pick: The distance between two adjacent crossover points of braid filaments. The measurement in picks per inch indicates the degree of coverage.

Pitch: In Flat Cable, the nominal distance between the index edges of two adjacent conductors.

PL: Two rubber-insulated, parallel-laid lamp cords with overall cotton or rayon braid. For light duty on small appliances in dry locations. 300V.

Plastic Deformation: Change in dimensions under a load that is not recovered when the load is removed.

Plasticizer: A chemical agent added to plastics to make them softer and more pliable.

PLSJ: All-rubber parallel-jacketed two conductor light duty cord for pendant or portable use in damp locations. 300V.



PLT: Same as PLSJ except thermoplastic insulation.

PLTC: NEC Article 760 Power Limited Tray Cable General Purpose. Meets Vertical Tray flame test.

PNA, PNW: Polyethylene-insulated control cables with nylon sheath on individual conductors. Cabled tape and PVC jacket. Dry and wet locations. 600V, 75°C.

PO: Two stranded copper conductors with separator and code rubber insulation and cotton braid over each. Laid parallel with cotton or rayon braid overall. For use in dry locations on small appliances. 300V-600V.

Polyester: Polyethylene terephthalate, which is used extensively in the production of a high-strength moisture-resistant film used as a cable core wrap.

Polyethylene (PE): A family of insulation's derived from the polymerization of ethylene gas and characterized by outstanding electrical properties, including high I.R., low Dielectric constant, and low Dielectric loss across the frequency spectrum. Mechanically rugged, it resists abrasion and cold flow.

Polymer: A material of high molecular weight formed by the chemical union of monomers.

Polyolefin: A family of thermoplastics based upon the unsaturated hydrocarbons known as olefins. When combined with butylene or styrene polymers, they form compounds such as polyethylene and polypropylene.

Polyvinylchloride: A general purpose family of insulation's whose basic make up is polyvinylchloride or its copolymer vinyl acetate. Plasticizers, stabilizers, pigments and fillers are added in lesser quantity to improve mechanical and/or electrical properties of this material.

Porosity: Multiple air voids in an insulation or jacket wall.

POS: Pairs, Overall Shield

POSJ: All-rubber, parallel, light duty rip-cord for use on lamps and small appliances. 300V, 60°C.

POSJX: All-rubber, parallel, #20 AWG rip-cord for use on lamps, clocks and Christmas trees. 125V.

POT: Thermoplastic, parallel, light duty rip-cord. 300V, 60°C to 105°C.

POT: Acronym for "Plain Old Telephone" wires used before the introduction of Category Telephone Cables.

Potting: The sealing of a cable termination or other component with a liquid which Thermosets into an Elastomer.

Power Factor: The ratio of resistance to impedance. The ratio of an actual power of an Alternating Current (A.C.) to apparent power. Mathematically, the cosine of the angle between the voltage applied and the current resulting.

POXT: Same as thermoplastic, parallel, light duty rip-cord, 300V, 60°C - 105°C(POT), except #20 AWG for clock and Christmas tree use.

PPAP: Production Part Approval Process. A process to ensure that outsourced components comply with the quality.

PPE: Portable Power Elastomer. Similar to W, G, GG-C, but made with TPE materials.

Primary Insulation: The first layer of non-conductive material applied over a conductor, whose prime function is to act as electrical barrier (sic... Insulation).

Propagation: Delay time required for an electrical wave to travel between two points on a transmission line.

PS: Rubber insulated thermostat cable (solid conductors with individual rubber insulations)

Pulling Eye: A device fastened to a cable to which a hook may be attached in order to pull the cable into or from a duct.

PW: Moisture-proof, reinforced, portable cord with two or more rubber-insulated conductors with individual cotton braid. Moisture resistant cotton braid finish over rubber jacket. 300V-600V

R: Rubber-insulated building wire. 600V, 60°C.

REA: Rural Electrification Administration, former agency of the U.S. Dept. of Agriculture charged with administering loan programs for electrification and telephone service in rural areas. Abolished in 1994, functions assumed by the Rural Utilities Service.

Reactance: The opposition offered to the flow of Alternating Current (A.C.) by inductance or capacitance of a component or circuit.

Refractive Index: Ratio of light velocity in a vacuum to its velocity in the transmitting medium.

Resin: A synthetic organic material formed by the union (polymerization) of one or more monomers with one or more acids.

Resistance: A measurement of the difficulty in moving electrical current through a medium when voltage is applied. Resistance is expressed in Ohms (Ω).

Retractable Cable: A cable that returns by its own stored energy from an extended condition to its original contracted form.

Glossary

RF: Fixture wire, code or latex rubber-insulation and braid over solid or stranded conductor. 60°C.

RFH: Same as RF, but rubber or latex rubber insulation, heat resistant. 75°C.

RFI: Radio Frequency Interference.

RG/U: Radio Government, Universal. RG is the military designation for coaxial cable in MIL-C-17 and U stands for "general utility".

RH: Rubber-insulated, heat resistant building wire. 75°C.

RH/RW: Rubber-insulated, heat and moisture resistant building wire. 75°C dry, 60°C wet.

RHD: Rubber-insulated, twin conductor, heat resistant, fibrous covered wire

RHDL: Same as RHD, except lead instead of fibrous covered.

RHH: Rubber-insulated, heat resistant building wire. Dry and damp locations. 90°C.

RHL: RHH with overall lead sheath.

RHM: Rubber-insulated multiple conductors, heat resistant and over fibrous covered.

RHML: Same as RHM, but with lead cover overall.

RHW: Rubber-insulated building wire, heat and moisture resistant. Dry and wet locations. 75°C.

RHW-2: Moisture and heat resistant or cross-linked synthetic polymer. Dry and wet locations. 90°C.

Ridge Marker: One or more ridges running laterally along the outer surface of an insulated wire for purposes of identification.

RJ: Rubber-insulated and jute covered cable
RJFJ Rubber-insulated cable with flat band armor

RJJJ: Rubber-insulated cable with interlock armor

RL: Rubber-insulated cable with lead sheath

RLJFJ: Rubber-insulated cable with lead, jute, flat band armor and overall jute covering

RLJWJ: Rubber-insulated cable with lead, jute, steel wire armor and overall jute covering

RM: Rubber-insulated multiple conductors with fibrous covering

RML: Same as RM, but lead instead of fibrous covering

RoHS: Restriction of Hazardous Substances; typically refers to the EU legislation geared to protect the environment

Root Mean Square (RMS): The effective value of an Alternating Current (A.C.) or voltage.

Rope Lay Conductor: A conductor composed of a central core surrounded by one or more layers of helically laid groups of wires.

RP: Performance grade rubber insulation. 60°C.

RR: Rubber insulation, polychloroprene jacket, see Type USE.

RS: Integral rubber insulation and jacket on single conductor cables.

RU: Rubber-insulated, latex building wire. 60°C.

RUH: Same as RU, but heat resistant. 75°C.

Rupture: In the breaking strength or tensile strength tests, the point at which the material physically comes apart, as opposed to elongation yield strength, etc.

RUW: Same as RU, but heat resistant. 60°C.

RW: Rubber-insulated building wire. Moisture resistant. 60°C.

RWS: Same as RW, but synthetic rubber.

S: Heavy duty, rubber-insulated portable cord. Stranded copper conductors with separator and individual rubber insulation. Two or more color-coded conductors cabled with filler, wrapped with separator and rubber jacketed overall. 600V.

SA: Silicone rubber insulation, asbestos or glass braid, for use in dry locations. 90°C dry and damp locations; 125°C for special applications.

SAE: Society of Automotive Engineers.

SAEJ-1128: Automotive primary wire specification.

SB: Slow burning wire. Three cotton braids, impregnated. 90°C.

SD: Service drop cable. Two code rubber-insulated conductors, tape, laid parallel with neutral conductor concentric there over. Tape and braid overall. Also round construction.

SDN: Small Diameter polychloroprene; Small diameter multi-conductor control cable with polychloroprene jacket and nylon sheath over polyethylene insulation.

SE: Above ground service entrance cable, not protected against mechanical abuse. Flame retardant, moisture resistant covering with overall polychloroprene sheath rated 60°C - 75°C.

SEA: Service entrance cable. Steel-armored under outer braid, one or two rubber-insulated conductors with neutral conductor served concentricity, moisture resistant tape, weatherproof braid finish. 300V, 75°C.

SEC: Service Entrance Cable.



Self Extinguishing: the characteristic of a material whose flame is extinguished after the igniting flame is removed.

Semiconductor: A material that has a resistance characteristic between that of insulators and conductors.

Semi-Rigid (SR) PVCC: A hard semi-flexible polyvinylchloride compound with low plasticizer content.

SEO: Same as SE, oil resistant.

SEOW-A: Same as SEO, UL listed sunlight resistant material. W-A prior to 7/2/98 UL62.

Separator: A layer of insulating material such as textile, paper, polyester, etc. Used to improve stripping qualities, flexibility, mechanical or electrical protection to the components.

Serve: A filament or group of filaments such as fibers or wires, wound around a central core.

SEU: Same as SEA, but not armored.

SEW;SEWF: Silicone Rubber insulated equipment wire (CSA).

SEW-A: Same as SE, UL listed sunlight resistant material. W-A prior to 7/2/98 UL62.

SF: Silicone rubber insulated fixture wire, solid or 7-strand conductor. 200°C.

SFF: Same as SF, except flexible stranding. 150°C.

SG: Same as SW, except with ground wires (CSA).

SGO: Same as SWO, except with ground wires (CSA).

SH-A: Portable mine power cable, three or four individually shielded conductors. 5000V.

SH-B: Same as SH-A, except shield is overall.

SH-C: Same as SH-B, but with grounding conductors.

SH-D: Same as SH-A, but with grounding conductors.

Sheath: The outer covering or jacket of a multiconductor cable.

SHFS: PVC insulated with felted-asbestos, flame-proof cotton or rayon braid.

Shield: In cables, a metallic layer placed around a conductor or group of conductors to prevent electrostatic interference between the enclosed wires and external fields.

Shield Coverage: The physical area of a cable that is actually covered by the shielding material and is expressed as a percentage.

Shield Effectiveness: The relative ability of a shield to screen out undesirable signals.

Signal Cable: A cable designed to carry current of usually less than one Ampere per conductor.

Sintering: Fusion of a spirally applied tape wrap jacket by the use of high heat to a homogenous continuum. Usually employed for fluorocarbon, non-extrudable materials.

SIS: Single conductor wire commonly made with chemically cross linked polyethylene insulation that is heat & moisture resistant, and flame retarded (90°C/90°C rated wet/dry).

SJ: Junior hard service, rubber-insulated pendant or portable cord. Same construction as type S, but 300V. Jacket thickness different.

SJE: Same as SJ, using thermoplastic elastomer in place of rubber.

SJEO: Same as SJE, but with oil resistant insulation.

SJEOO: Same as SJE, but with oil resistant insulation and jacket (oil proof).

SJEOW: Same as SJE, oil resistant, wet locations

SJEOW-A: Same as SJE, UL listed sunlight resistant material. W-A prior to 7/2/98 UL62.

SJEW-A: Same as SJE, UL listed sunlight resistant material. W-A prior to 7/2/98 UL62.

SJO: Same as SJ, but polychloroprene, oil resistant compound outer jacket. Can also be made water resistant. 300V, 60°C.

SJT: Junior hard service thermoplastic or rubber-insulated conductors with overall thermoplastic jacket. 300V, 60°C to 105°C.

SJTO: Same as SJT but oil resistant thermoplastic outer jacket. 60°C.

SJTOO: Same as SJT but oil-proof thermoplastic outer jacket.

SJTOW-A: Same as SJTO, UL listed sunlight resistant material. W-A prior to 7/2/98 UL62.

SJTW: Same as SJT for wet locations. 300V, 60°C to 105°C.

SJTW-A: Same as SJT, UL listed sunlight resistant material. W-A prior to 7/2/98 UL62.

Skin Effect: The phenomenon in which the depth of penetration of electric currents into a conductor decreases as the frequency increases.

SNM: A cable designed for use in hazardous locations consisting of insulated conductors in an extruded non-metallic jacket. It is then covered with an overlapping spiral metal tape and wire shield and jacketed with an extruded moisture, flame, oil, corrosion, fungus and sunlight resistant nonmetallic material.

Glossary

SO: Hard service cord, same construction as type S except oil resistant polychloroprene jacket. 600V, 60°C to 90°C.

SOW: Water resistant polychloroprene jacketed portable cord (CSA).

SP-1: All rubber, parallel-jacketed, two-conductor light duty cord for pendant or portable use in damp locations. 300V.

SP-2: Same as SP-1, but heavier construction, with or without third conductor for grounding purposes 300V.

SP-3: Same as SP-2, but heavier construction for refrigerators or room air conditioners. 300V.

Span: In flat cables, the distance from the reference edge of the first conductor to the reference edge of the last conductor (in cables having flat conductors), or the distance between in centers of the first and last conductors (in cables having round conductors), expressed in inches or centimeters.

Spark Test: A test designed to locate imperfections (usually pin-holes) in the insulation of a wire or cable by application of a voltage for a very short period of time while the wire is being drawn through the electrode field.

SPE: Society of Plastic Engineers.

SPE-1: Same as SP-1, using thermoplastic elastomer

SPE-2: Same as SP-2, using thermoplastic elastomer.

SPE-3: Same as SP-3, using thermoplastic elastomer.

Specific Gravity: The ratio of the density (mass per unit volume) of a material to that of water.

Spiral Wrap: The helical wrap of a material over a core.

Splice: A mechanical device or fusion process that permanently bonds two fibers together without a connector producing extremely low loss.

SPOS: Shielded Pairs, Overall Shield

SPT-1: Same as SP-1, except all thermoplastic. 300V. With or without 3rd conductor for grounding.

SPT-2: Same as SP-2 except all thermoplastic. 300V. With or without 3rd conductor for grounding.

SPT-3: Same as SP-3, except all thermoplastic. 300V. With or without 3rd conductor for grounding.

SR: Silicone rubber control cable. 600V, 125°C.

SR-AW: Flexible, nickel-plated copper conductor, silicone rubber insulation, glass braid. 600V, 200°C.

SR-C: Solid copper conductor, silicone rubber insulation, glass braid. 600V, 125°C.

SRD: Portable range or dryer cable. Three or four rubber insulated conductors with rubber or polychloroprene jacket, flat or round construction. 300V, 60°C.

SRDE: Same as SRD, using thermoplastic elastomer.

SRDT: Same as SRD, except all thermoplastic with a maximum temperature of 90°C.

SR-H: Silicone rubber-insulated, asbestos braid. 500V, 125°C.

ST: Hard service cord, jacketed, same as type S except all plastic construction. 600V, 60° to 105°C.

Stability Factor: The difference between the percentage power factor at 80 volts/mil and at 40 volts/mil measured on wire immersed in water at 75° C for a specified time.

Static Condition: Used to denote the environmental conditions of an installed cable rather than the conditions existing during cable installation.

STO: Same as ST but with oil resistant thermoplastic outer jacket. 600V, 60°C.

STOO: Same as ST but with oil-proof thermoplastic outer jacket. 600V, 60°C.

STOS: Shielded Triads, Overall Shield

STOW-A: Same as STO, UL listed sunlight resistant material. W-A prior to 7/2/98 UL62

STP: Shielded Twisted Pair cable.

Strip Force: The force required to remove a small section of insulating material from the conductor it covers.

STW: Same as ST for wet locations. 600V, 60o to 105°C.

STW-A: Same as ST, UL listed sunlight resistant material. W-A prior to 7/2/98 UL62

Suggested Working Voltage: AC voltage that can be applied between adjacent conductors.

Surface Resistivity: The resistance of a material between two opposite side of a unit square of its surface. It is usually expressed in ohms.

Surge: A temporary, large increase in the voltage or current in an electric circuit or cable.

SV: Vacuum cleaner cord, two- or three-conductor, rubber insulated. Overall rubber jacket. For light duty in damp locations. 300V, 60°C.

SVE: Same as SV, using thermoplastic elastomer in place of rubber.

SVEO: Same as SVE, oil resistant.

SVO: Same as SV except polychloroprene jacket. 300V, 60°C.



SVT: Same as SV except all plastic construction. With or without third conductor for grounding purposes only. 300V, 60°C to 90°C.

SVTO: Same as SVT except with oil resistant thermoplastic jacket. 60°C.

SW: Rubber jacketed power supply cable (8 AWG to 2 AWG). 600V (CSA).

SWO: Same as SW except polychloroprene jacketed (CSA).

SWT: Plastic jacketed power supply cable (8 AWG to 2 AWG). 600V (CSA).

T: Thermoplastic vinyl, building wire. 60°C.

TA: Switchboard wire, thermoplastic and asbestos.

TAA: Flexible nickel or nickel-clad copper, teflon tape, felted asbestos.

Tank Test: A voltage Dielectric test in which the test sample is submerged in water and voltage is applied between the conductor and water as Ground.

TBS: Switchboard wire, thermoplastic insulation, flame proof cotton braid. 600V, 90°C.

TBWP: Three cotton braid, weatherproof saturated. No voltage rating.

TDM: Time Domain Multiplexing.

Tear Strength: The force required to initiate or continue a tear in a material under specified conditions.

Teflon®: A DuPont Company trademark for polytetrafluoroethylene.

Tefzel®: Dupont trade name for a fluorocarbon material typically used as the insulation on wire wrap wire.

Temperature Rating: The maximum and minimum temperature at which an insulating material may be used in continuous operation without loss of its basic properties.

Tempest: Classified procedure which details the complex measurement of the combined reduction of all Electromagnetic emissions from specified equipment.

Tensile Strength: The pull stress required to break a given specimen.

TEW: CSA type appliance wires. Solid or stranded single conductor, plastic-insulated. 600V, 105°C.

TEWN: Same as TEW with nylon jacket. 105°C.

TF: Fixture wire, thermoplastic covered, 60°C, 600V, 18-16 AWG.

TFE: Extended Polytetrafluoroethylene for dry locations only. 250°C.

TFF: Same as TF but flexible stranding, 60°C, 600V, 18-16 AWG.

TFN or TFFN: Same as TFF with nylon jacket, 90°C, 600V, 18-16 AWG.

TG: Flexible nickel or nickel-clad copper conductor, teflon tape, glass braid. 200°C.

TGS: Solid or flexible copper, nickel-clad iron or copper, or nickel conductor. Teflon tape, silicone glass braid. 600V, 250°C.

Thermal Shock: A test to determine the ability of a material to withstand heat and cold by subjecting it to rapid and wide changes in temperature.

Thermocouple Wire (Grade): A pair of wires of dissimilar alloys having EMF-temperature characteristics calibrated to higher temperature levels than the extension type of thermocouple wire. Unlike the thermocouple extension wire, this wire may be employed as the thermocouple hot junction in addition to serving as the entire wire connection between hot and cold's.

Thermoplastic: A material which softens when heated or reheated and becomes firm on cooling.

Thermoset: A material which hardens or sets by heat, chemical or radiation cross-linking techniques and which, once set, cannot be resoftened by heating.

THHN: Single conductor, flame retardant, heat & moisture resistant, nylon jacketed wire. Dry locations. 90°C, 600V.

THHW: Single conductor, flame retardant, moisture & heat resistant thermoplastic. 75°C wet location; 90°C dry location, 600V.

THW: Single conductor, flame retardant, moisture and heat resistant thermoplastic insulation, 75°C dry and wet locations, 600V.

THWN: Same as THW but with nylon jacket overall. 75°C dry and wet locations, 600V.

Tinned Copper: Tin coating added to copper to aid in and inhibit corrosion.

TOS: Triads, Overall Shield

Total Mass Loss (%TML): The weight change of the original sample after test.

TP: Parallel tinsel cord. Two rubber insulated & jacketed very flexible conductors. Light duty, attached to appliances of 50W or less. For use in damp locations in lengths of eight feet or less.

TPO: Same construction as type PO but with extra flexible tinsel conductors. 125V.

TPT: Same as TP but all thermoplastic insulation and jacket. 125V.

Glossary

Transmission Line: A signal-carrying circuit with controlled electrical characteristics used to transmit high-frequency or narrow-pulse signals.

Transmission Loss: The decrease or loss in power during transmission of energy from one point to another. Usually expressed in decibels.

Tray: A cable tray system is a unit or assembly of units or sections, and associated fittings, made of non-combustible materials forming a rigid structural system used to support cables. Cable tray systems (previously termed continuous rigid cable supports) include ladders, troughs, channels, solid bottom trays, and similar structures.

Tray Cable: A factory-assembled multiconductor or multipair control, signal or power cable specifically approved under the National Electrical Code for installation in trays.

Triple (Triad): A cable consisting of three insulated single conductors twisted together.

TS: Two- or three-conductor rubber insulated and jacketed tinsel cord. Light duty, attached to an appliance of 50W or less. For use in damp places in lengths of eight feet or less.

TSO: Same as type TS but with polychloroprene jacket. 125V.

TST: Same as TS, but all thermoplastic insulation and jacket.

TT: PVC insulation and sheath, aerial and duct.

TW: Flame retardant, moisture resistant thermoplastic vinyl-jacketed building wire. Dry and wet locations. 60°C.

Twinning: Synonymous with pairing.

UF: Thermoplastic underground feeder and branch circuit cable, single conductor. 60°C moisture resistant; 75°C moisture and heat resistant

UF-B: UF cable with a 75°C jacket and conductors with insulation for 90°C dry and at least 60°C wet locations.

UHF: Ultra High Frequency, 300 MHz to 3,000 MHz.

UL: Underwriters Laboratories, a non-profit independent organization, which operates a listing service for electrical and electronic materials and equipment.

Underwriters Laboratories (UL): a non-profit independent organization, which operates a listing service for electrical and electronic materials and equipment.

URC: Weatherproof wire.

USE: Underground service entrance cable, single conductor, rubber-insulated, polychloroprene-jacketed. Heat and moisture resistant.

UTP: Unshielded Twisted Pair cable.

V: Varnished-cambric insulation, with fibrous covering.

VCB: Varnished-cambric insulation, cotton braid, flame retardant, moisture resisting finish.

VCL: Varnished-cambric insulation, lead covered cable. Ends must be hermetically sealed.

VD: Indicates a twin wire having two type V conductors laid parallel under an outer fibrous covering.

VDE: German Society of Engineers that establishes standards and testing requirements.

Velocity of Propagation (Vp): The speed a signal travels down a length of cable as compared to the speed in free air and is directly dependent upon the dielectric material properties. Vp is the reciprocal of the square root of the dielectric constant (ε) of the insulation material and is expressed as a percentage (%).

VG: Varnished-glass tape over a flexible copper conductor. Varnished-glass or nylon braid. 600V or 3000V, 130°C.

VHF: Very High Frequency, 30 to 300 MHz.

VM: Indicates a cable having two or more type V conductors twisted together under an outer fibrous covering.

Volt: A unit of Electromotive Force (EMF).

Voltage: A measurement of electrical pressure along a conductor. The voltage rating depends primarily on the insulation thickness. The thicker the insulation, the higher the voltage rating. Voltage is expressed in volts (V).

Voltage Rating: The highest voltage that may be continuously applied to a wire in conformance with standards or specifications.

Voltage Standing Wave Ratio (VSWR): The ratio of the maximum effective voltage to the minimum effective voltage measured along the length of a mis-matched radio frequency transmission line.

Volume Resistivity: The electrical resistance between opposite faces of a one cm. cube of insulating material commonly expressed in ohms-centimeter.

Vp: Velocity of Propagation ; the speed at which a signal travels down a wire.

Vulcanization: A curing process done with rubber, where the physical properties of the elastomer are changed by either chemical or cross-linking agent.

VW-1: UL flammability test/rating for wire and cables. Previously designated "FR-1".



W: Heavy-duty portable power cable, one to six conductors. 600V, 75°C.

Water Absorption: Water by percent weight absorbed by a material after a given immersion period.

Water Vapor Recovered (%WVR): An additional parameter that can be obtained after completion of exposure and measurements required to TML and CVCM. There is no set requirement for this test since it is usually just measured and recorded in test reports as additional information.

Watt (W): A unit of electric power. The watt is the power required to do work at the rate of one joule per second.

WEEE: Waste Electrical & Electronic Equipment.

Wicking: The longitudinal flow of a liquid in a wire or cable due to capillary action.

WP: Weatherproof construction, two or three impregnated cotton braids. 80°C.

X: Two FX wires twisted together, color-coded. 125V, 60°C.

XHH: Heat resistant, flame retardant, cross-linked synthetic polymer for dry and damp locations.

XHHW: Moisture and heat resistant, flame retardant, cross-linked synthetic polymer. 90°C dry and damp locations; 75°C wet locations.

XHHW-2: Flame retardant, moisture and heat resistant cross-linked synthetic polymer. 90°C dry and wet locations.

XLP or XLPE: Crosslinked polyethylene.

XT: Two FXT wires twisted together, color-coded. 125V, 60°C.

Yield Strength: The minimum stress at which a material will start to physically deform.

Z: Modified Ethylene Tetrafluoroethylene insulation. 90°C dry and damp locations; 150°C dry locations (special applications).

ZW: Modified Ethylene Tetrafluoroethylene insulation. 75°C wet locations; 90°C dry and damp locations; 150°C dry locations (special applications). 600V, 100°C.

Regulatory Agency Markings

Underwriters Laboratories, Inc.

Underwriters Laboratories, Inc. (UL) was founded as a not-for-profit organization which provides testing for products and UL “Recognition” or “Listing” for manufacturers.



UL “AWM” Recognized Components

Many wire products have UL AWM (Appliance Wiring Material) Recognized component styles. A wire or cable product bearing a UL AWM Style can be used for internal and external wiring as Recognized component of an original equipment product.



C-UL Recognized Component Mark

This Recognized component mark is applied to products for the Canadian market. Products with this type of mark have been tested to Canadian Standard requirements.



UL “LISTED” Wire & Cable Products

UL Listed products are used in applications where the product is not an integral part of the manufactured system. UL Listed wire and cable products are intended for use within residential, commercial or industrial buildings. The National Electrical Code (NEC®) requires use of Listed products to meet the requirements of various “Articles” within the code.



C-UL Listing Mark

The Listing mark is applied to products for the Canadian market. Products with this type of mark have been tested to Canadian Standard requirements.



CSA Listing Mark

CSA is an abbreviation for Canadian Standards Association, a non-profit, Nationally Recognized Testing Laboratory (NRTL) which operates a certification service for electrical and electronic materials and equipment.



CE Conformity to European Directive

CE (Conformité Européenne) is a European Economic Community approval indicating that a product complies with a European Directive.

Notes

TECHNICAL



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830273	40	830706	21	833708	21	F06029	106	F12001	108
830274	40	830707	21	833709	21	F06035	119	F12006	107
830275	40	830708	21	F01001	124	F06042	121	F12009	114
830280	39	830709	21	F01011	120	F06076	112	F12010	115
830281	39	830805	21	F01014	119	F06078	104	F12011	115
830282	39	830806	21	F01018	106	F06101	111	F12012	117
830284	39	830807	21	F01020	30	F06131	121	F12015	116
830285	39	830808	21	F01028	100	F08001	114	F12017	118
830286	40	830809	21	F01034	111	F08005	117	F12022	99
830287	40	831005	21	F01039	121	F08008	99	F12024	101
830288	40	831006	21	F01041	102	F08010	101	F12025	99
830289	40	831007	21	F01052	119	F08011	117	F12030	103
830330	43	831008	21	F02001	124	F08021	107	F12032	104
830331	43	831009	21	F02013	120	F08023	99	F12034	117
830332	43	831205	21	F02015	111	F08024	109	F12035	98
830334	43	831206	21	F02018	106	F08025	110	F12038	113
830335	43	831207	21	F02019	119	F08031	114	F12046	109
830336	43	831208	21	F02031	121	F08033	118	F12047	110
830337	43	831209	21	F02033	30	F08036	111	F12054	114
830338	43	831405	21	F02041	104	F08040	106	F12055	99
830339	43	831406	21	F02048	102	F08050	104	F12062	111
830340	43	831407	21	F02049	100	F08061	116	F12065	106
830341	43	831408	21	F02058	104	F08082	112	F12100	108
830342	43	831409	21	F02076	112	F08115	101	F12147	110
830360	42	831605	21	F02083	119	F08119	103	F12163	122
830361	42	831606	21	F02097	104	F10001	114	F12218	105
830362	42	831607	21	F03009	30	F10002	115	F12229	108



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F14009	107	F16067	101	F18360	110	F22030	104	F4T018	119
F14012	114	F16092	114	F18363	110	F22035	101	F4T025	111
F14014	114	F16100	106	F18366	110	F22052	103	F4T027	112
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F14024	118	F16245	110	F1T016	120	F22083	110	F54603	123
F14028	98	F16252	110	F1T019	119	F22086	110	F54604	123
F14029	99	F16376	98	F1T029	111	F22098	109	F54605	123
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F14047	104	F18008	107	F1T079	102	F24009	113	F54610	123
F14049	117	F18010	114	F20003	108	F24012	122	F54611	123
F14052	109	F18012	114	F20006	108	F24013	98	F54614	123
F14053	109	F18017	113	F20013	114	F24014	122	F54625	123
F14054	109	F18018	113	F20016	114	F24016	98	F54633	123
F14062	101	F18019	115	F20020	113	F25006	100	F54635	123
F14096	106	F18020	115	F20022	117	F25008	102	F54644	123
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Seoprene®



SIGNAL®
ELECTRONIC CABLE

BARON®

 **Woods**®

POWER
with the best™

INDUSTRIAL



POWER

with the best™





HVAC/R

PRODUCTS

BARON 



A Tradition of Excellence... Exceptional Performance

Coleman Cable Inc. is a worldwide leader in the development, design, manufacture, marketing and distribution of wire and cable products. A broad range of products, innovative solutions, recognized brands and a solid service platform are the foundations that Coleman Cable's dedicated professional people build upon to create customer value. These characteristics, combined with strategic acquisitions such as Copperfield, establish and strengthen Coleman Cable's leadership position as a one of the premier US-based manufacturers of electrical, electronic and assembled wire and cable products.

Coleman Cable Baron[®] brand is one of the most trusted names in the HVAC/R market for reliability, innovation and quality performance. CCI's product offering provides cable solutions for virtually every HVAC/R application. Coleman Cable's technical expertise and commitment to innovation ensure the most advanced and highest quality HVAC/R cable on the market.

The Baro-Split[™] mini split cables are a versatile solution to providing power and control for mini-split installations. Mini-split installers and HVAC contractors looking to save on labor costs while meeting local codes for mini-split sub power feeds are making Coleman Cable's Baro-Split the cables of choice. With safety, versatility and labor savings that can't be beat, choose Baro-Split cables for all next mini-split installations.



Baron® thermostat wire has been the wire of choice for connecting HVAC/R equipment and controllers for residential and industrial applications. Choose either Baro-Pak™ or reel configurations.

18 Gauge Thermostat - Baro-Pak™ & BaroStat™ Reels

Part Number	Gauge	No. Cond.	Weight (lbs./mft.)	Packaging
55302-X5-YY	18	2	13	1 x 500
55303-X5-YY	18	3	16	1 x 500
55304-X4-YY	18	4	28	1 x 250
55305-X4-YY	18	5	29	1 x 250
55306-X4-YY	18	6	35	1 x 250
55307-X4-YY	18	7	41	1 x 250
55308-X4-YY	18	8	47	1 x 250
55309-X4-YY	18	9	52	1 x 250
55310-X4-YY	18	10	54	1 x 250
55312-X4-YY	18	12	69	1 x 250



Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

ETL Type CL2, CETL Listed Type CL2 or CMH/FT1, NEC Article 725
 X = 0 for Reel or 5 for Baro-Pak
 YY = 01 for White or 07 for Brown



20 Gauge Thermostat - BaroStat™ Reels

Part Number	Gauge	No. Cond.	Weight (lbs./mft.)	Packaging
55202-05-07	20	2	9	4 x 500
55203-05-07	20	3	12	4 x 500
55204-04-07	20	4	16	4 x 250
55205-04-07†	20	5	19	4 x 250
55206-04-07	20	6	23	4 x 250
55207-04-07	20	7	26	4 x 250
55208-04-07†	20	8	30	4 x 250
55209-04-07	20	9	34	4 x 250
55210-04-07	20	10	38	4 x 250
55212-04-07	20	12	46	4 x 250



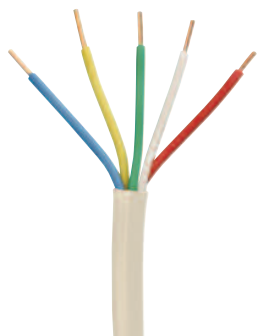
Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

ETL Type CL2, CETL Type CL2 or CMH/FT1, NEC Article 725
 †Baro-Pak also available.



Thermostat & Control Cables

Some installations require that Thermostat wire be installed adjacent to the HVAC ducts. This creates a challenging environment for electrical wiring. Baroplen™ wires are constructed with high performance insulation and jackets rated for use in these harsh environments.



SOL BC Baroplen™ Plenum Cable Reels

Part Number	Gauge	No. Cond.	Weight (lbs./mft.)	Packaging
55502-05-23	18	2	16	4 x 500
55503-05-23	18	3	22	4 x 500
55504-04-23	18	4	29	4 x 250
55505-04-23	18	5	35	4 x 250
55506-04-23	18	6	42	4 x 250
55508-04-23	18	8	55	4 x 250

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

ETL Type CMP/CL2P, CETL, Type CMP/FT6, NEC Article 725 & 800
Beige color jacket is in stock.



SOL BC Baro-Pak™ Canadian LVT

Part Number	Gauge	No. Cond.	Weight (lbs./mft.)	Packaging
55382-54-07	18	2	13	1 x 250
55383-54-07	18	3	16	1 x 250
55384-54-07	18	4	23	1 x 250
55385-54-07	18	5	29	1 x 250
55386-54-07	18	6	35	1 x 250
55387-54-07	18	7	41	1 x 250
55388-54-07	18	8	47	1 x 250
55389-54-07	18	9	52	1 x 250
55390-54-07	18	10	54	1 x 250
55392-54-07	18	12	69	1 x 250

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

UL Listed Type CL2, CUL Listed Type CM or CMH/FT4, NEC Article 725
Brown color jacket is in stock.





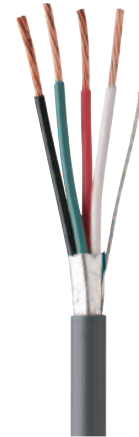
With many of today's newer digital, multizone, and advanced controls and thermostats, clear and consistent signals become more and more important to a properly operating system. Shielded thermostat wire insulates control wires from cross-talk, noise and other events that disrupt these kinds of systems. Choose from these shielded and shielded plenum cables to best fit any installation.

Shielded Thermostat Cable

Part Number	Gauge	No. Cond.	Stranding	Nominal OD	UL Type	Weight (lbs./mft.)	Standard Lengths
95214-05-09	18	2	7/0.0152	0.163"	CMR CL3R	18	500' Reel 1,000' Box
95218-05-09	18	3	7/0.0152	0.175"	CMR CL3R	25	500' Reel 1,000' Box
67003-05-09	18	4	7/0.0152	0.193"	CMR CL3R	34	500' Reel 1,000' Box
67006-05-09	18	6	7/0.0152	0.230"	CMR CL3R	46	500' Reel 1,000' Box
67008-05-09	18	8	7/0.0152	0.249"	CMR CL3R	59	500' Reel 1,000' Box

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

Gray jacket is in stock.



Shielded Plenum Cable

Part Number	Gauge	No. Cond.	Stranding	Nominal OD	UL Type	Weight (lbs./mft.)	Standard Lengths
75902-05-23	18	2	7/0.0152	0.163"	CMP CL3P	19	500' Reel 1,000' Box
75903-05-23	18	3	7/0.0152	0.170"	CMP CL3P	25	500' Reel 1,000' Box
75904-05-23	18	4	7/0.0152	0.186"	CMP CL3P	32	500' Reel 1,000' Box
75905-05-23*	18	5	7/0.0152	0.222"	CMP CL3P	42	500' Reel 1,000' Box
75906-05-23	18	6	7/0.0152	0.227"	CMP CL3P	47	500' Reel 1,000' Box
75908-05-23	18	8	7/0.0152	0.246"	CMP CL3P	60	500' Reel 1,000' Box
75910-06-23*	18	10	7/0.0152	0.287"	CMP CL3P	80	1,000' Reel
75912-06-23*	18	12	7/0.0152	0.308"	CMP CL3P	89	1,000' Reel
75702-06-23	16	2	7/0.0152	0.187"	CMP CL3P	26	1,000' Reel
75703-06-23*	16	3	7/0.0152	0.198"	CMP CL3P	42	1,000' Reel
75704-06-23	16	4	7/0.0152	0.224"	CMP CL3P	48	1,000' Reel
75705-06-23*	16	5	7/0.0152	0.244"	CMP CL3P	61	1,000' Reel
75706-06-23*	16	6	7/0.0152	0.274"	CMP CL3P	77	1,000' Reel

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

Beige jacket is in stock.
* Minimums may apply.



HVAC/R

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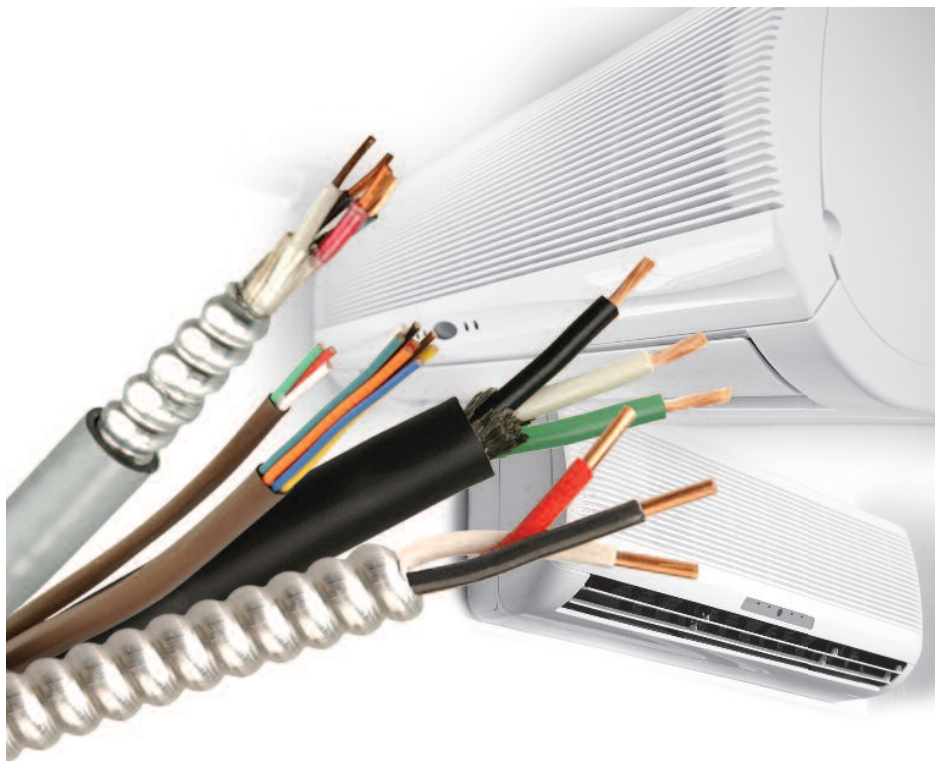
Baro-Split™ Cables

Baro-Split™ Mini-Split Cables

Mini-split installers and HVAC contractors looking to save on labor costs while meeting local codes for mini-split sub-power feeds are making CCI's Baro-Split the cables of choice.

Baro-Split Corra/Clad® MC Cable consists of UL listed THHN soft drawn annealed solid copper conductors, cabled with fillers and wrapped with an overall solid Flexi-Rib™ aluminum sheath. The continuous sheath provides watertight protection and it is covered with a PVC outer jacket for outdoor use or direct burial. Baro-Split Corra/Clad® MC cables are UL approved and meet or exceed the requirements of NEC Article 330.

Baro-Split Compact 600® and Baro-Split Shielded Low Voltage cables offer additional options to provide power and control for your mini-split installations. With safety, versatility and labor savings that can't be beat choose Baro-Split cables for all mini-split installations.



Features

- **Baro-Split™ Corra/Clad® MC Cable**
Cost effective, easy to strip and install.
Meets all national codes- suitable for outdoor use, under concrete, underground (direct burial) and through interior (finished) walls or ceilings.
- **Baro-Split™ Compact 600® Cable**
Control tray cable, TPE jacket, direct burial rated. Flexible and easy-to-strip. Solid and stranded conductor available.
- **Baro-Split™ Shielded Low Voltage Cable**
18/2 stranded BC overall shield
18/4 stranded BC overall shield
(ideal for many LG systems)

Coleman Cable Inc





Baro-Split™ Mini-Split Cables **

Part Number	Gauge	No. Cond.	Stranding	Description	Rating	Packaging
Baro-Split Corra/Clad MC Cable						
92448-50-09	14	3	Stranded	THHN with Ground Conductor	600V Direct Burial, UL, NEC 330	50 ft. Coil
92448-04-09	14	3	Stranded	THHN with Ground Conductor	600V Direct Burial, UL, NEC 330	250 ft. Reel
92484-50-09	14	3	Solid	THHN with Ground Conductor	600V Direct Burial, UL, NEC 330	50 ft. Coil
92484-04-09	14	3	Solid	THHN with Ground Conductor	600V Direct Burial, UL, NEC 330	250 ft. Reel
Baro-Split Compact 600						
60444-50-08	14	4	Solid	THHN Compact 600	600V Direct Burial, UL, UV	50 ft. Reel
60444-04-08	14	4	Solid	THHN Compact 600	600V Direct Burial, UL, UV	250 ft. Reel
60410-50-08	14	4	Stranded	THHN Compact 600	600V Direct Burial, UL, UV	50 ft. Reel
60410-04-08	14	4	Stranded	THHN Compact 600	600V Direct Burial, UL, UV	250 ft. Reel
60707-04-08	14	7	Stranded	THHN Compact 600	600V Direct Burial, UL, UV	250 ft. Reel
60446-50-08	16	4	Solid	THHN Compact 600	600V Direct Burial, UL, UV	50 ft. Reel
60446-04-08	16	4	Solid	THHN Compact 600	600V Direct Burial, UL, UV	250 ft. Reel
60426-50-08	16	4	Stranded	THHN Compact 600	600V Direct Burial, UL, UV	50 ft. Reel
60426-04-08	16	4	Stranded	THHN Compact 600	600V Direct Burial, UL, UV	250 ft. Reel
Baro-Split Shielded Low Voltage Cable						
95214-50-09	18	2	Stranded	BC Shielded	Low Voltage, UL, UV	50 ft. Reel
95214-05-09	18	2	Stranded	BC Shielded	Low Voltage, UL, UV	500 ft. Reel
67003-50-09	18	4	Stranded	BC Shielded	Low Voltage, UL, UV	50 ft. Reel
67003-05-09	18	4	Stranded	BC Shielded	Low Voltage, UL, UV	500 ft. Reel
67006-05-09	18	6	Stranded	BC Shielded	Low Voltage, UL, UV	500 ft. Reel
67008-05-09	18	8	Stranded	BC Shielded	Low Voltage, UL, UV	500 ft. Reel

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.



Corra/Clad™ Type MC Metal Clad Power Supply **

Part Number	Gauge	No. Cond.	Nom. OD in.	Weight lbs./mft	Aluminum Sheath Ground Size Equivalence
92252-04-45	12	2	0.410	91	6
92283-04-45	12	2 W/G	0.430	119	6
92452-04-45	14	2	0.380	69	6
92483-04-45	14	2 W/G	0.390	88	6
92652-04-45	16	2	0.355	47	8
92852-04-45	18	2	0.335	40	8

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

UL Listed Type FPL SOL BC, 90°C 600 Volt, NEC Article 33, Put-up= 250' (04), Color Code: Aluminum (45)



Cable Connector

Part Number	Description	Rating	Packaging
10576-00-00	Liquid-tight MC Cable Connector	600V Direct Burial, UL, NEC 330	



**** Other constructions, gauges and number of conductors available in each cable type. Please contact the factory for availability. For outdoor connections of Corra/Clad MC cable, use liquid-tight MC connectors.**





HVAC/R Installations can occasionally require a variety of accessory wires to complete the job. Don't go searching for another wire manufacturer when it's all available from CCI.



Type TFFN/THHN Vinyl/Nylon Jacket STR

Part Number	Gauge	Pkg. Wt	Std. Pkg
51012-03-XX	16 TFFN*	17	8 x 100
51013-03-XX	14 THHN*	21	8 x 100
51014-03-XX	12 THHN*	27	8 x 100
51016-03-XX	10 THHN*	39	8 x 100
51017-03-XX	8 THHN	29	4 x 100
51011-05-XX	18 TFFN	18	4 x 500
51012-05-XX	16 TFFN	26	4 x 500
51013-05-XX	14 THHN*	36	4 x 500
51014-05-XX	12 THHN*	52	4 x 500
51016-05-XX	10 THHN*	21	1 x 500
51017-05-XX	8 THHN	34	1 x 500

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

UL Listed Type STR BC, 90°C 600 Volt
See pg 15 for ordering and color code information
*CUL T90 Nylon



Type TFFN/THHN Vinyl/Nylon Jacket SOL

Part Number	Gauge	Pkg. Wt	Std. Pkg
51791-05-XX	18 TFN	18	4 x 500
51792-05-XX	16 TFN	24	4 x 500
51741-05-XX	14 THHN*	36	4 x 500
51742-05-XX	12 THHN*	52	4 x 500
51743-05-XX	10 THHN*	80	4 x 500

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

UL Listed Type SOL BC, 90°C 600 Volt.
See pg 15 for ordering and color code information
*CUL T90 Nylon



Category 5e: Enhanced Data Cable Twisted Pair

Part Number	No. of Pairs	Conductor Gauge	Nom. Diameter	Insulation Thickness	Jacket Thickness	Nom. OD	Wt/ 1000'	Listed Type
96263 Non-Plenum	4	24	.0201	.009"	.020"	.220"	20	CMP/MPR FT4
966958 Plenum	4	24	.0201	.008"	.015"	.180"	19	CMP FT6

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

UL or ETL Verified to ANSI/TIA/EIA-568B, Category 5E.
Exceeds: ANSI/TIA/EIA-568B, Category 5E, UL 1666,
(CMR) FT4, NFPA 262 (CMP) FT6 tested to 350 MHz



Category 6 Cable: 600 MH Twisted Pair

Part Number	No. of Pairs	Conductor Gauge	Nom. Diameter	Insulation Thickness	Jacket Thickness	Nom. OD	Wt/ 1000'	Listed Type
97272 Non-Plenum	4	23	.023	.008"	.230"	.020"	26	CMR/MPR FT4
977964 Plenum	4	23	.023	.008"	.206"	.190"	24	CMP/MPP FT6

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

Exceeds TIA/EIA Draft 9 Category 6, tested to 250 Mhz



Portable Cord & Temporary Power

Part Number	Gauge	Jacket Type	No. Cond.	Stranding	Insulation Thickness in.	mm.	Nominal OD in.	mm.	Weight lbs./mft	kg/km	Amps*
23225-04-08	18	TPE	2	16/30	0.030	0.76	0.285	7.24	37	55	10
23325-04-08	18	TPE	3	16/30	0.030	0.76	7.87	0.31	49	72	10
23425-04-08	18	TPE	4	16/30	0.030	0.76	8.38	0.33	59	87	7
23226-04-08	16	TPE	2	26/30	0.030	0.76	0.310	7.87	46	68	13
23326-04-08	16	TPE	3	26/30	0.030	0.76	0.330	8.38	59	87	13
23426-04-08	16	TPE	4	26/30	0.030	0.76	0.355	9.02	73	108	10
23227-04-08	14	TPE	2	41/30	0.030	0.76	0.340	8.64	60	89	18
23327-04-08	14	TPE	3	41/30	0.030	0.76	0.365	9.27	79	117	18
23427-04-08	14	TPE	4	41/30	0.030	0.76	0.395	10.03	98	145	15
23228-04-08	12	TPE	2	65/30	0.030	0.76	0.410	10.41	90	133	25
23328-04-08	12	TPE	3	65/30	0.030	0.76	0.430	10.92	116	172	25
23428-04-08	12	TPE	4	65/30	0.030	0.76	0.470	11.94	150	223	20

Dimensions and weights are nominal and are subject to industry tolerances unless otherwise noted.

UL/CSA Listed Type SJEOOW/SJTOOW(TPE), 300 Volt.
NEC Article 400, Put-up= 250' (04).



HVAC/R

BARON

Power Supply, Range, & Dryer Cords



CCI manufactures a broad array of power supply, range and dryer cords.

Power Supply Cords



Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	125V Rating	Master Pack	Master Wt
(Pigtails) Right-Angle Plugs							
55244-88-09	16/2 W/G	SPT-2	Gray	4	13A	50	22
55246-88-09	16/2	SPT-2	Gray	6	13A	50	12
55248-88-09	16/3	SPT-2	Gray	8	13A	50	26
55225-88-09	14/2 W/G	SPT-3	Gray	5	15A	50	18
55226-88-09	14/2 W/G	SPT-3	Gray	6	15A	50	22
(Pigtails) Straight Plugs							
55235-88-08	16/2 W/G	SPT-2	Black	5	13A	50	18
55236-88-08	16/3	SPT-2	Black	6	13A	50	25
55238-88-08	16/2 W/G	SPT-2	Black	8	13A	50	30
09733-88-09*	16/3	SPT-3	Gray	3	13A	25	6
09734-88-09*	16/3	SPT-3	Gray	4	13A	25	9
09736-88-09*	16/3	SPT-3	Gray	6	13A	25	12
09743-88-23*	14/3	SPT-3	Beige	3	15A	25	10
09746-88-23*	14/3	SPT-3	Beige	6	15A	25	18

*UL Listed



Range & Dryer Cords

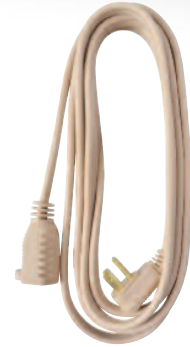


Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	125V Rating	Master Pack	Master Wt
Range Cords-Three Conductor, Flat Cord-NEMA 10-50							
09014-88-09	6/2 & 8/1	SRDT	Gray	4	50A	12	20
09015-88-09	6/2 & 8/1	SRDT	Gray	5	50A	12	25
09016-88-09	6/2 & 8/1	SRDT	Gray	6	50A	12	30
Range Cords-Four Conductor, Round Cord-NEMA 14-60							
09044-88-08	6/2 & 8/2	SRDT	Black	4	50A	12	34
09045-88-08	6/2 & 8/2	SRDT	Black	5	50A	12	42
09046-88-08	6/2 & 8/2	SRDT	Black	6	50A	12	50
Dryer Cords-Three Conductor, Flat Cord-NEMA 10-30							
09124-88-09	10/3	SRDT	Gray	4	30A	12	16
09125-88-09	10/3	SRDT	Gray	5	30A	12	17
09126-88-09	10/3	SRDT	Gray	6	30A	12	22
Dryer Cords-Four Conductor, Round Cord-NEMA 14-30							
09154-88-08	10/4	SRDT	Black	4	30A	12	26
09155-88-08	10/4	SRDT	Black	5	30A	12	22
09156-88-08	10/4	SRDT	Black	6	30A	12	24



Air Conditioner Extension Cords

Part Number	Wire GA/Cond	Wire Type	Color	Length (Ft)	Package Type	125V Rating	Master Pack	Master Wt
03531-33-23	14/3	SPT-3	Beige	3	Sleeve	15A	36	22
03532-33-23	14/3	SPT-3	Beige	6	Sleeve	15A	24	20
03533-33-23	14/3	SPT-3	Beige	9	Sleeve	15A	18	18
03535-33-23	14/3	SPT-3	Beige	12	Sleeve	15A	12	16
03536-33-23	14/3	SPT-3	Beige	15	Sleeve	15A	12	19



UL Listed. Right angle male plug guards against accidental pull out.



Air Conditioner Whips

Part Number	Description	Pkg Wt	Std Pkg
Metal Fittings			
57514-00-00	1/2" x 4', 10 STR	43	24
57516-00-00	1/2" x 6', 10 STR	53	24
57504-00-00	3/4" x 4', 8 STR	62	24
57506-00-00	3/4" x 6', 8 STR	82	24
PVC Fittings			
57515-00-00	1/2" x 4', 10 STR	43	24
57517-00-00	1/2" x 6', 10 STR	53	24
57505-00-00	3/4" x 4', 8 STR	62	24
57507-00-00	3/4" x 6', 8 STR	82	24



UL/CUL Listed, THHN STR



Extension Cords

HVAC/R projects often require the use of extension cords. Be prepared with these products from CCI.



02408



02588

Vinyl Outdoor Extension Cords

Molded, water resistant connectors with reinforced blades make these cords suitable for outdoor use.

Cat No	Wire GA/Cond	Wire Type	Color	Length in Ft	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
02307	16/3	SJTW	Orange	25	Sleeve	13A	12	25	.76
02308	16/3	SJTW	Orange	50	Sleeve	13A	12	46	1.16
02309	16/3	SJTW	Orange	100	Sleeve	10A	6	45	1.19
02407	14/3	SJTW	Red	25	Sleeve	15A	12	35	.90
02408	14/3	SJTW	Red	50	Sleeve	15A	6	29	.82
02409	14/3	SJTW	Red	100	Sleeve	13A	6	60	1.41
02587	12/3	SJTW	Yellow	25	Sleeve	15A	12	40	1.21
02588	12/3	SJTW	Yellow	50	Sleeve	15A	6	40	1.41
02589	12/3	SJTW	Yellow	100	Sleeve	15A	4	52	1.41
04112	12/3	STW	Yellow	2	Sleeve	15A	12	11	.40

Many more gauge sizes, lengths and varieties available in stock. Custom cords also available upon request. Minimums and lead times may apply



02549-USA1

Red, White & Blue Extension Cords

Cat No	Wire GA/Cond	Wire Type	Color	Length in Ft	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
02548-USA1	12/3	SJTW	Red, White & Blue	50	Sleeve	15A	6	40	1.41
02549-USA1	12/3	SJTW	Red, White & Blue	100	Sleeve	15A	4	52	1.41



Without sufficient light on the job, the work goes slow, mistakes can be made and injuries become more likely. CCI offers a selection of innovative LED products, rugged efficient light technology, perfect for commercial and residential installers. Select from features like rechargeable, high output, and magnet attachable units.

Handheld Lamps

Part Number	Description	Wire GA/Cond	Wire Type	Color	Length in Ft	Package Type	125V Rating	Master Pack	Master Wt	Master Pack Cube
0681	Metal Guard w/outlet	18/3	SJT	Orange	25'	Sleeve	10A	12	27.6	2.04
0682	Metal Guard w/outlet	18/3	SJT	Orange	50'	Sleeve	10A	6	22.2	1.7
0691	Metal Guard w/outlet	16/3	SJT	Orange	25'	Sleeve	13A	12	28.4	2
0692	Metal Guard w/outlet	16/3	SJT	Orange	50'	Sleeve	13A	6	24.6	1.64

Many more styles available in stock.



Work Lights

Part Number	Description	Type	Lumens	Cord Length	Std Pack	Wt/ Ea
L33	500W Portable Handheld Worklight	Halogen	8,000	3'	6	3.75
L14SLED	1000W (2x500W) Tripod Base Worklight	Halogen	20,000	5'	2	13.75
L1681	LED Handheld Worklight	LED	1,474	3'	6	5.8
L1320	Rechargeable, 24 LED Handheld Worklight	LED	779	N/A	6	5.4

Many more styles available in stock.



LED Task Lights

Part Number	Description	Lumens	Std Pack	Wt/ Ea
L1925	Rechargeable 72 LED Worklight	180	4	1.97
L1407	16+8 LED Task Light w/Magnetic Base	32	12	0.35
L1240	21 LED Adjustable Head Lamp w/batteries	42	12	0.5

Many more styles available in stock.





CCI Offers The Broadest Line Of Professional Grade Assembled Products

Lighting

When the job must go on, rely on Coleman Cable's complete line of lighting products to light the way for a safe work environment. With the addition of the Designer's Edge® worklights and handhelds, CCI now offers some of the most innovative, best performing, and feature-rich products in the industry. CCI's lighting products will quickly be the staples of every jobsite.

Safety

Coleman Cable, along with its subsidiary Technology Research Corporation (TRC), has an extensive line of electrical safety products that ensure protection from dangerous current leakage that can cause electrical shock and possible electrocution. Our patented technologies enable you to protect people, property and equipment.

Cords

Coleman Cable offers a comprehensive line of extension cord products to handle a full range of professional construction and industrial applications. CCI's extension cord offering includes a complete listing of premium jacketed and standard PVC extension cords. These items are available in multiple gauges, lengths, and constructions.

Controls

The Woods brand of indoor and outdoor timers includes a full line of durable hardwire controls for commercial and industrial environments. These in-wall, time switch, plug-in and remotes maximize convenience, safety and energy savings by turning on and off lights, appliances and other devices at set times.





Coleman Cable HVAC/R Products

Marketed under the Baron[™] Brand name, Coleman Cable manufactures one of the most comprehensive lines of HVAC/R cable and related product available today. Our product offering provides cable solutions for virtually every HVAC/R application. Coleman Cable's technical expertise and commitment to innovation ensure the most advanced and highest quality HVAC/R cable on the market.

Why Coleman Cable?

- Industry Leader — Baron[®] Brand
- Manufactured in ISO-9000 facilities
- Multi-vendor friendly
- Inventory availability:
 - Full Line
 - Multiple Color
 - Reliable Delivery



Packaging Options

Coleman Cable offers six types of packaging options*

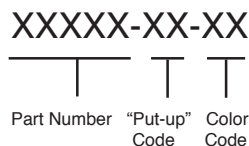
- Baro-Pak[™]
- Knock-Out Box
- Pull-Out Box (Rabbit Pull[™])
- Reels
- Reel-in-Box
- Signa-Coil[™]

All provide fast and easy cable access. Kinks and twists are eliminated. You get tangle-free cable delivery each and every time. These durable, compact designs save on installation time while reducing waste and material costs. They can easily be stacked to save room.

*Not all options are available for each product



Coleman Cable Part Legend



Put-ups	Code
Reel, 250 ft	04
Reel, 500 ft	05
Reel, 1,000 ft	06
Reel-in-box, 1,000 ft	16
RabbitPull [™] Pull-Box, 500 ft	45
RabbitPull [™] Pull-Box, 1,000 ft	46
Baro-Pak [™] 250 ft	54
Baro-Pak [™] 500 ft	55
Baro-Pak [™] 1,000 ft	56

Colors	Code
White	01
Yellow	02
Orange	03
Red	04
Green	05
Blue	06
Brown	07
Black	08
Gray	09

Colors	Code
Pink	11
Purple	13
Clear	18
Fluorescent Pink	21
Ivory	22
Natural	23
Beige	33
Red Striped Corra Clad	44

Coleman Cable Inc.

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