

BUILDING WIRE

Type THHN2 - Type THWN - Copper Conductor - 600V



Annealed uncoated copper conductor with PVC insulation and black nylon jacket with surface printing. Designed for use as a general purpose wiring in accordance with the National Electrical Code, max. conductor temperature of 90°C in dry locations and 75°C in wet locations, 600 volts, for installation in conduit or other recognized raceway. Used for wiring of machine tools (stranded), appliances and control circuits not exceeding 600 volts. Type THHN2 or THWN or MTW meets or exceeds all applicable ASTM specifications, UL standard 83, UL standard 1063 (MTW), Federal Specification J-C-30B and National Electrical Code Requirements.

Wire Size AWG	No. Strands	OD in.	Ship. Wt./ 1000 Ft. Lbs.	Pkg. Ft.
14	Solid	.11	16	500*
12	Solid	.13	25	500*
10	Solid	.16	38	500*
14	19	.12	17	500*
12	19	.14	25	500*
10	19	.17	40	500*
8	19	.23	71	1000†
6	19	.25	99	1000†
4	19	.33	168	1000†
3	19	.36	204	1000†
2	19	.39	254	1000†
1	19	.45	319	1000‡
1/0	19	.49	376	1000‡
2/0	19	.54	468	1000‡
3/0	19	.59	582	1000‡
4/0	19	.65	725	1000‡
250MCM	37	.70	863	1000‡
300MCM	37	.75	1024	1000‡
350MCM	37	.80	1188	1000‡
400MCM	37	.85	1350	1000‡
500MCM	37	.93	1670	1000‡
600MCM	61	1.07	2013	1000‡
750MCM	61	1.14	2498	1000‡
1000MCM	61	1.29	3300	1000‡

*Standard package is spools, stock colors are: Black, White, Red, Blue, Green, Yellow, Orange, Brown, Purple, Pink and Gray.

†Standard package is reels, available colors are: Black, White, Red, Blue and Green.

‡Standard package is reels, available in Black only.

TYPE XHHW-2 BUILDING WIRE

Copper Conductor, XLP Insulation—600V



Annealed copper conductor, thermosetting chemically crosslinked polyethylene insulation, surface printed, high heat and moisture resistant. General purpose wiring primarily used in conduit or other recognized raceways for services, feeders and branch circuit wiring as specified in the National Electrical Code. May be used in wet or dry locations not to exceed 90°C. Voltage rating: 600V. Dielectric Constant: 3.5 or less, useable in isolated circuits supplying anesthetizing locations per Article 517-160 of the NEC. Suitable for use as low leakage inductive (loop) vehicle detector wire in accordance with state and municipal requirements. Standard Package: Reels.

No.	Wire Size AWG	No. Strands	OD in.	Wt./ 1000' Lbs.
98-0100-23503	14	1	.14	18
98-0100-23603	12	1	.15	26
98-0100-23703	10	1	.17	39
98-0100-23803	14	7	.15	18
98-0100-23903	12	7	.17	27
98-0100-24003	10	7	.19	40
98-0100-24051	8	7	.25	66
98-0100-24101	6	7	.29	96
98-0100-24151	4	7	.34	145
98-0100-24171	3	7	.37	190
98-0100-24181	2	7	.40	245
98-0100-24201	1	19	.45	310
98-0100-24226	1/0	19	.50	380
98-0100-24231	2/0	19	.54	470
98-0100-24236	3/0	19	.60	590
98-0100-24241	4/0	19	.65	730
98-0100-24246	250MCM	37	.72	865
98-0100-24251	300MCM	37	.77	1050
98-0100-24256	350MCM	37	.82	1210
98-0100-24267	500MCM	37	.95	1710
98-0100-24281	750MCM	61	1.17	2545
98-0100-24296	1000MCM	61	1.29	3380

ALUMINUM BUILDING WIRE

XHHW & USE/RHH/RHW



General purpose wire for lighting and power. Residential, commercial and industrial NEC applications. Maximum conductor temperature of 90°C in wet or dry locations. 600V. Suitable for low leakage circuits requiring a dielectric constant of 9.5 or less. Suitable for use as low leakage inductive (loop) vehicle detector wire.

UL Listed. Conform to ICEA Pub. No. S-66-524. Conform to Federal Specification J-C-30B.

No.	UPC	AWG	No. Strands	Pkg.	Lgth. Ft.
XHHW					
03197	6	7	Master Reel	...
03195	4	7	Master Reel	...
03139	2	7	Master Reel	...
03127	1	19	Master Reel	...
03134	1/0	19	Master Reel	...
03131	2/0	19	Master Reel	...
03128	3/0	19	Master Reel	...
03135	4/0	19	Master Reel	...
03132	250MCM	37	Master Reel	...
03129	350MCM	37	Master Reel	...
03137	400MCM	37	Master Reel	...
03133	500MCM	37	Master Reel	...
03489	600MCM	61	Master Reel	...
03130	750MCM	61	Master Reel	...
USE/RHH/RHW					
02239	6	...	Master Reel	...
02240	4	...	Master Reel	...
02241	2	...	Master Reel	...
02242	1	...	Master Reel	...
02273	1/0	...	Master Reel	...
02277	2/0	...	Master Reel	...
02801	4/0	...	Master Reel	...
02274	250MCM	...	Master Reel	...
02271	500MCM	...	Master Reel	...

TYPE XLP-USE-2 OR RHH OR RHW-2 SERVICE CABLE

Annealed Copper Conductor-600V Polyethylene Insulation-Black



Single conductor cross linked Polyethylene insulated wire suitable for operation at 90°C in dry locations and 75°C in wet or dry locations. May be installed in conduit, duct, raceway, and aerial installations. Also approved for direct burial.

Designed for lighting and power applications in accordance with the National Electrical Code and for other general purpose wiring.

No.	Wire Size AWG	OD in.	Wt./ 1000' Lbs.
98-0100-27203	12	.18	33
98-0100-27303	10	.20	46
98-0100-27403	8	.26	73
98-0100-27503	12	.20	33
98-0100-27603	10	.22	49
98-0100-27651	8	.28	79
98-0100-27701	6	.32	119
98-0100-27741	4	.37	173
98-0100-27776	2	.43	255
98-0100-27816	1	.51	330
98-0100-27826	1/0	.55	405
98-0100-27831	2/0	.59	495
98-0100-27836	3/0	.65	615
98-0100-27841	4/0	.70	765
98-0100-27846	250MCM	.78	925
98-0100-27851	300MCM	.83	1090
98-0100-27856	350MCM	.88	1250
98-0100-27861	400MCM	.93	1410
98-0100-27866	500MCM	1.01	1760
98-0100-27871	600MCM	1.12	2110
98-0100-27881	750MCM	1.23	2600
98-0100-27896	1000MCM	1.34	3420

TRAY CABLE

Type TC



THWN or THHN conductors. PVC jacket. 600V. 3-conductor with grounding connector. Flame-retardant. Rated 90°C in dry locations, 75°C in wet locations, 30° ambient temperature. May be installed in open air, in ducts or conduits, in tray or trough, or direct buried. Individual conductors of stranded uncoated copper Type THWN or THHN, surface print phase identification. 3 insulated conductors twisted with Class B stranded uncoated copper grounding conductor and fillers, cable tape, PVC jacket overall, surface printed. Specifically approved for installation in cable trays. Approved for use in Class I and II Division 2 hazardous locations.

Size AWG	Nom.	Grd. Cond.	Approx. Wt./ 1000' Lbs.	Ampacity	
or kcmil	Dia. in.	Size AWG*	1000' Lbs.	90°C Dry†	75°C Wet†
8	.82	10	315	55	50
6	.70	8	445	75	65
4	.88	8	675	95	85
2	1.01	6	995	130	115
1	1.14	6	1200	150	130
1/0	1.23	6	1480	170	150
2/0	1.32	6	1770	195	175
3/0	1.43	4	2180	225	200
4/0	1.56	4	2690	260	230
250	1.76	4	3225	280	255
350	1.98	3	4370	350	310
500	2.26	2	5960	430	380
750	2.71	1	9050	535	475
1000	3.10	1/0	11720	615	545

*Grounding conductor per UL Standard 1277 for Type TC Tray Cable.

†Ampacity in accordance with Art. 318-11 of NEC for cables installed in uncovered tray with or without maintained spacing and to cable installed in raceway in free air; 90°C conductor temperature for dry locations, 75°C conductor temperature for wet locations, 30°C ambient temperature.

Note: Also available with CPE overall jacket.

Complete Information Available on Request.

TRAY CABLE

Type TC



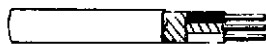
XLP — XHHW conductors. PVC jacket. 600V. Flame-retardant 3-conductor power cable rated 600V, 90°C in dry locations; 75°C in wet locations. For installation in cable trays per Article 340 or the NEC. May be installed in open air, in ducts or conduits, in tray or trough or direct buried. Class B stranded uncoated copper conductor, XLP cross linked polyethylene insulation, surface print phase identification. 3 insulated conductors twisted with Class B stranded uncoated copper grounding conductor and suitable fillers in each valley, cable tape, PVC jacket overall, surface printed. Available with neoprene or Hypalon overall jacket. Approved for use in Class I, Division 2 hazardous locations.

Size AWG or No.	Thick. Mils	Grd. Nom. Dia.	Cond. Size	Ampacity 90°C	Ampacity 75°C	Approx. Wt./1000'		
MCM Str.	Ins.	Jkt.	In.	AWG	Dry	Wet	Lbs.	
Three Conductors w/ Grounding Conductors								
8	7	45	60	.66	14	55	50	320
6	7	45	60	.74	12	75	65	460
4	7	45	80	.88	12	95	85	665
2	7	45	80	1.00	10	130	115	980
1	19	55	80	1.13	10	150	130	1195
1/0	19	55	80	1.22	10	170	150	1440
2/0	19	55	80	1.32	10	195	175	1745
3/0	19	55	80	1.42	8	225	200	2180
4/0	19	55	80	1.56	8	260	230	2650
250	37	65	110	1.75	8	290	255	3190
350	37	65	110	1.98	7	350	310	4300
500	37	65	110	2.26	6	430	380	5910
750	61	80	140	2.63	5	535	475	9010
1000	61	80	140	3.14	4	615	545	11700

Complete Information Available on Request.

NM-B NON-METALLIC SHEATHED CABLE

2, 3 & 4 Conductor



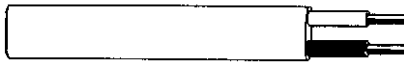
For exposed and concealed work in dry locations at 60°C. Two conductor Type THHN with PVC jacket.

No.	UPC	AWG	Pkg.	Lgth. Ft.
Two Conductor w/Ground Wire				
00392	14/2	Carton	250
00032	12/2	Carton	250
00593	10/2	Carton	250
00569	8/2	Carton	125
01042	14/2	Reel	1000
01043	12/2	Reel	1000
02372	10/2	Reel	1000
03627	8/2	Reel	500
02876	6/2	Reel	500
Three Conductor w/Ground Wire				
00351	14/3	Carton	250
00584	12/3	Carton	250
00597	10/3	Carton	250
00540	8/3	Carton	125
00589	6/3	Carton	125
01097	14/3	Reel	1000
01096	12/3	Reel	1000
02349	10/3	Reel	1000
02003	8/3	Reel	500
00997	6/3	Reel	500
03628	4/3	Reel	500
00549	2/3	Reel	500

No.	UPC	AWG	Pkg.	Lgth. Ft.
Four Conductor w/Ground Wire				
07393	12/4	Carton	250
Three Conductor w/o Ground Wire				
00650	10/3	Carton	250
00628	8/3	Carton	125

UF-B UNDERGROUND FEEDER CABLE

Copper Conductor — 600V



Two or three annealed (soft) copper conductors, PVC insulation, nylon jacket that resists acids, alkalis, corrosive fumes, chemicals, lubricants and ground water, color coded. General applications are feeders to outside post lamps, pumps and other loads. Cable may be used underground, including direct burial. May be used for interior branch circuit wiring. Non-corroding, sunlight resistant and will not support combustion.

No.	Wire Size AWG	No. Strands	OD In.	Wt./1000 Ft. Lbs.	Pkg. Qty. Ft.
Without Ground Wire					
98-0100-26500	14/2	Solid	.23x.38	65	250*
98-0100-26505	12/2	Solid	.21x.43	81	250*
98-0100-26510	10/2	Solid	.23x.47	111	250*
98-0100-26550	14/3	Solid	.19x.58	96	250*
98-0100-26555	12/3	Solid	.21x.64	125	250*
98-0100-26560	10/3	Solid	.23x.70	170	250*
98-0100-26565	8/3	7	.33x1.00	335	125†
98-0100-26570	6/3	7	.40x1.22	500	125†
With Ground Wire					
98-0100-26600	14/2	Solid	.21x.43	76	250*
98-0100-26605	12/2	Solid	.21x.45	102	250*
98-0100-26610	10/2	Solid	.23x.52	146	250*
98-0100-26616	8/2	7	.34x.67	246	500‡
98-0100-26621	6/2	7	.41x.81	363	500‡
98-0100-26650	14/3	Solid	.20x.60	107	250*
98-0100-26655	12/3	Solid	.21x.67	146	250*
98-0100-26660	10/3	Solid	.23x.75	205	250*
98-0100-26665	8/3	7	.34x1.00	360	125†
98-0100-26670	6/3	7	.41x1.22	530	125†
Single Conductor UF					
98-0100-26401	14	Solid	.19	29	2500‡
98-0100-26406	12	Solid	.21	37	2500‡
98-0100-26411	10	Solid	.23	51	2500‡
98-0100-26417	8	7	.29	83	1000‡
98-0100-26421	6	7	.35	125	1000‡
98-0100-26426	4	7	.40	180	1000‡
98-0100-26431	2	7	.46	270	1000‡

*Carton.
†Coil.
‡Reel.

TYPE SEU SERVICE ENTRANCE CABLE

Copper and Aluminum Conductor

600V to Ground



Two Type XHHW conductors insulated with cross linked Polyethylene are laid parallel with a bare concentric neutral over them and gray PVC overall jacket. One cable for entire service between line or entrance cap to meter, switch or range receptacle. Approved by UL for use without conduit.

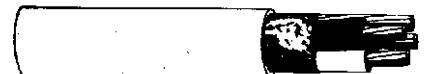
Cond. Insul. Size AWG	Cond. Power No. Strands	Cond. Neutral Size AWG	OD In.	Wt./M Ft. Lbs.
Copper Conductors				
10	1	10	.28x.44	136
8	7	8	.37x.62	220
6	7	8	.41x.69	290
6	7	6	.42x.70	325
4	7	4	.49x.82	485
3	7	3	.53x.88	595
2	7	2	.57x.98	740
Compact Aluminum Conductors				
8	1	8	.39x.62	98
6	7	6	.43x.70	135
4	7	6	.48x.78	176
4	7	4	.48x.78	190
2	7	4	.52x.89	252
2	7	2	.55x.91	274
1	19	1	.61x.02	343
1/0	19	2	.64x1.08	379
1/0	19	1/0	.67x1.11	416
2/0	19	1	.69x1.17	457
2/0	19	2/0	.72x1.28	505
4/0	19	2/0	.82x1.40	682
4/0	19	4/0	.86x1.44	755

Note: Packaging: Sizes 12 thru 8 AWG, 250' coil; 6 AWG, 200' coil; 4 thru 3 AWG, 150' coil; 2 AWG, 100' coil; 1 AWG and larger, cutting lengths as desired. Prices are listed per 1000'.

SER SERVICE ENTRANCE CABLE

Compact Aluminum—Alloy Conductor

600V To Ground



Cond. Size/ Const. AWG	Ampacity		Wt./M Ft. Lbs.
	75°C Wet*	90°C Dry*	
4 Conductor			
8-8-8-8	40	45	135
6-6-6-6	50	60	192
4-4-4-6	65	75	255
3-3-3-5	75	85	303
2-2-2-4†	90	100	364
1-1-1-3†	100	115	452
1/0-1/0-1/0-2†	120	135	545
2/0-2/0-2/0-1†	135	150	659
3/0-3/0-3/0-1/0†	155	175	801
4/0-4/0-4/0-2/0†	180	205	978

*Per table 310-16 of NEC, 1990 Edition.

†For three wire single-phase residential services, allowable ampacity of XHHW aluminum conductors shall be for size No. 2-100 amp., No. 1-110 amp., No. 1/0-125 amp., No. 2/0-150 amp., No. 3/0-175 amp. and No. 4/0-200 amp.

SERVICE DROP CABLE

Type N-SD - Aluminum Conductor - 300V



Conductors are covered with a wall of cross-linked polyethylene insulation and spiraled around the bare messenger conductor. Messenger serves as both the neutral and the supporting member, leaving the insulated conductors free of tension. Bare messenger conductor may be aluminum or ACSR construction. Also available with conventional polyethylene insulation.

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No.	Insulated Cond. Size AWG	Insulated Cond. No. Strands	Bare Messenger Insulation Size AWG
Two Conductor - All-Aluminum Messenger - Neutral			
Pekingese-XLP	6	1	6
Collie-XLP	6	7	6
Dachshund-XLP	4	1	4
Spaniel-XLP	4	7	4
Doberman-XLP	2	7	2
Malemute-XLP	1/0	19	1/0
Two Conductor - ACSR Messenger - Neutral			
Setter-XLP	6	1	6
Sheperd-XLP	6	7	6
Eskimo-XLP	4	1	4
Terrier-XLP	4	7	4
Chow-XLP	2	7	2
Bull-XLP	1/0	19	1/0
Three Conductor - All-Aluminum Messenger - Neutral			
Haiotis-XLP	6	1	6
Patella-XLP	6	7	6
Fusus-XLP	4	1	4
Oyster-XLP	4	7	4
Clam-XLP	2	7	2
Murex-XLP	1/0	7	1/0
Purpura-XLP	1/0	19	1/0
Nassa-XLP	2/0	7	2/0
Trophon-XLP	2/0	19	2/0
Portunus-XLP	4/0	19	4/0
Three Conductor - ACSR Messenger - Neutral			
Paludina-XLP	6	1	6
Voluta-XLP	6	7	6
Whelk-XLP	4	1	4
Periwinkle-XLP	4	7	4
Conch-XLP	2	7	2
Neritina-XLP	1/0	7	1/0
Cenia-XLP	1/0	19	1/0
Runcina-XLP	2/0	7	2/0
Triton-XLP	2/0	19	2/0
Zuzara-XLP	4/0	19	4/0
Three Conductor - ACSR Reduced Size Messenger - Neutral			
Scallop-XLP	4	1	6
Strombus-XLP	4	7	6
Cockle-XLP	2	7	4
Janthina-XLP	1/0	7	2
Ranella-XLP	1/0	19	2
Cavolina-XLP	2/0	7	1
Clio-XLP	2/0	19	1
Cerapus-XLP	4/0	19	2/0
Four Conductor - All-Aluminum Messenger - Neutral			
Quarter-XLP	6	1	6
Clydesdale-XLP	4	1	4
Pinto-XLP	4	7	4
Mustang-XLP	2	7	2
Shire-XLP	1	19	1
Criollo-XLP	1/0	19	1/0
Percheron-XLP	2/0	19	2/0
Hanoverian-XLP	3/0	19	3/0
Oldenburg-XLP	4/0	19	4/0
Four Conductor - ACSR Messenger - Neutral			
Morochuca-XLP	6	1	6
Chola-XLP	6	7	6
Morgan-XLP	4	1	4
Hackney-XLP	4	7	4
Palomino-XLP	2	7	2
Albino-XLP	1	19	1
Costena-XLP	1/0	19	1/0
Gruilo-XLP	2/0	19	2/0
Suffolk-XLP	4/0	19	4/0
Appaloosa-XLP	4/0	19	4/0

Note: Available in coils and on reels.

SECONDARY URD CABLE

Triplex & Quadruplex



Aluminum conductor, 600V. Used for secondary distribution and underground service at 600V or less, either direct burial or in ducts. Also suitable for any application as defined in NEC for types RHH or RHW or USE. Conductors concentrically stranded, compressed aluminum, unipass insulated with VIP (vulcanized interlinked polyethylene). Neutrals triple yellow extruded stripe. Black or solid yellow neutrals available. Conductors durably surface printed for identification. Conductors and one neutral conductor cabled together with right-hand lay to produce cable configuration.

Phase Cond. Size AWG or KCM	Phase Cond. Size Thk. Str.	Phase Cond. Size Thk. Mils	Neutral Size AWG or KCM	Neutral Size Str.
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Triplexed w/Yellow Extruded Stripe Neutral

4	7	60	4	7
2	7	60	4	7
2	7	60	2	7
1/0	19	80	2	7
1/0	19	80	1/0	19
2/0	19	80	1	19
2/0	19	80	2/0	19
3/0	19	80	1/0	19
3/0	19	80	3/0	19
4/0	19	80	2/0	19
4/0	19	80	4/0	19
250	37	95	3/0	19
350	37	95	4/0	19
500	37	95	300	37
500	37	95	350	37

Triplexed w/Yellow Neutral

4	7	60	4	7
2	7	60	4	7
2	7	60	2	7
1/0	19	80	2	7
1/0	19	80	1/0	19
2/0	19	80	1	19
2/0	19	80	2/0	19
3/0	19	80	1/0	19
3/0	19	80	3/0	19
4/0	19	80	2/0	19
4/0	19	80	4/0	19
250	37	95	3/0	19
350	37	95	4/0	19
500	37	95	300	37
500	37	95	350	37

Quadruplexed w/Yellow Extruded Stripe Neutral

4	7	60	4	7
2	7	60	4	7
2	7	60	2	7
1/0	19	80	2	7
1/0	19	80	1/0	19
2/0	19	80	1	19
2/0	19	80	2/0	19
3/0	19	80	1/0	19
3/0	19	80	3/0	19
4/0	19	80	2/0	19
4/0	19	80	4/0	19

Quadruplexed w/Yellow Neutral

4	7	60	4	7
2	7	60	4	7
2	7	60	2	7
1/0	19	80	2	7
1/0	19	80	1/0	19
2/0	19	80	1	19
2/0	19	80	2/0	19
3/0	19	80	1/0	19
3/0	19	80	3/0	19
4/0	19	80	2/0	19
4/0	19	80	4/0	19

Complete Information Available on Request.

POWER CABLE

Single Conductor - Copper or Aluminum



Available in lengths as desired.

Size AWG or MCM	No. Str.	Cu. Ampacity 40°C Ambient	Alum. Ampacity 40°C Ambient	OD In.
5000V - Shielded - Grounded Neutral				
6	7	75	58	.65
4	7	97	76	.70
2	7	130	100	.76
1	19	155	120	.80
1/0	19	180	140	.84
2/0	19	205	160	.93
3/0	19	240	190	.98
4/0	19	280	215	1.04
250	37	315	250	1.08
350	37	385	305	1.19
500	37	475	380	1.32
750	61	600	490	1.54
1000	61	690	580	1.69

15000V - Shielded - Grounded Neutral

2	7	150	115	1.00
1	19	170	130	1.03
1/0	19	195	150	1.08
2/0	19	225	175	1.12
3/0	19	260	200	1.17
4/0	19	295	230	1.23
250	37	330	255	1.28
350	37	395	310	1.38
500	37	480	385	1.52
750	61	585	485	1.85
1000	61	675	565	2.00

15000V - Shielded - Ungrounded Neutral

1	19	170	130	1.12
1/0	19	195	150	1.16
2/0	19	225	175	1.21
3/0	19	260	203	1.26
4/0	19	295	230	1.32
250	37	330	255	1.36
350	37	395	310	1.47
500	37	480	385	1.60
750	61	585	485	1.93
1000	61	675	565	2.09

28000V - Shielded - Grounded Neutral

1	19	200*	156*	1.36
1/0	19	230*	179*	1.42
2/0	19	260*	203*	1.47
3/0	19	300*	234*	1.52
4/0	19	340*	265*	1.58
250	37	375*	293*	1.63
350	37	455*	354*	1.73
500	37	560*	437*	1.93
750	61	695*	549*	2.13
1000	61	810*	640*	2.29

*Ampacity of 28 KV single conductor is based on 1 cable per duct, 3 loaded ducts per bank, 100% load factor.

Note: Data is approximate and subject to normal manufacturing tolerances.

Complete Information Available on Request.

POWER CABLE

Three and Four Conductor—Copper or Aluminum 600V, 5KV, 15KV



Three and four conductor cross-linked Polyethylene insulated cable with ground wires and Polyvinyl Chloride jacket. Suitable for use in wet or dry locations at temperatures not exceeding 90°C. May be installed in conduit, open air, aerially or buried direct.

Continued on next page

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Size AWG or MCM	No.	Ampacity 40°C Ambient		Thick. In.		OD In.
		Cu.*	Alum.*	Insul.	Jkt.	
Three Conductor—600V—Nonshielded						
8	7	59	46	.045	.060	.69
6	7	79	61	.045	.060	.77
4	7	104	81	.045	.080	.92
2	7	138	108	.045	.080	1.07
1	19	161	126	.055	.080	1.19
1/0	19	186	145	.055	.080	1.29
2/0	19	215	168	.055	.080	1.41
3/0	19	249	194	.055	.080	1.48
4/0	19	287	224	.055	.080	1.62
250	37	320	250	.065	.110	1.83
350	37	394	309	.065	.110	2.07
500	37	487	385	.065	.110	2.35

Size AWG or MCM	No.	Ampacity 40°C Ambient		Thick. In.		OD In.
		Cu.*	Alum.*	Insul.	Jkt.	
Four Conductor—600V—Nonshielded						
8	7	48	37	.045	.060	.75
6	7	64	49	.045	.060	.84
4	7	84	65	.045	.080	1.01
2	7	111	86	.045	.080	1.17
1	19	129	101	.055	.080	1.31
1/0	19	149	116	.055	.080	1.42
2/0	19	172	134	.055	.080	1.56
3/0	19	200	155	.055	.080	1.64
4/0	19	230	180	.055	.080	1.86
250	37	256	200	.065	.110	2.02
350	37	316	248	.065	.110	2.29
500	37	390	308	.065	.110	2.61

Size AWG or MCM	No.	Ampacity 40°C Ambient		Thick. In.		OD In.
		Cu.*	Alum.*	Insul.	Jkt.	
Three Conductor—5000V—Nonshielded						
8	7	52	41	.110	.080	1.07
6	7	69	53	.110	.080	1.15
4	7	91	71	.110	.080	1.26
2	7	125	96	.110	.080	1.39
1	19	140	110	.110	.080	1.47
1/0	19	165	130	.110	.080	1.58
2/0	19	190	150	.110	.080	1.66
3/0	19	220	170	.110	.110	1.83
4/0	19	255	200	.110	.110	1.95
250	37	280	220	.120	.110	2.10
350	37	350	275	.120	.110	2.33
500	37	425	340	.120	.110	2.61
750	61	525	430	.130	.140	3.13

Size AWG or MCM	No.	Ampacity 40°C Ambient		Thick. In.		OD In.
		Cu.*	Alum.*	Insul.	Jkt.	
Three Conductor—5000V—Shielded—Grounded Neutral						
8	7	52	41	.090	.080	1.11
6	7	69	53	.090	.080	1.19
4	7	91	71	.090	.080	1.30
2	7	125	96	.090	.080	1.43
1	19	140	110	.090	.080	1.51
1/0	19	165	130	.090	.080	1.60
2/0	19	190	150	.090	.080	1.70
3/0	19	220	170	.090	.110	1.87
4/0	19	255	200	.090	.110	1.99
250	37	280	220	.090	.110	2.09
350	37	350	275	.090	.110	2.32
500	37	425	340	.090	.110	2.61
750	61	525	430	.100	.140	3.12

Size AWG or MCM	No.	Ampacity 40°C Ambient		Thick. In.		OD In.
		Cu.*	Alum.*	Insul.	Jkt.	
Three Conductor—15000V—Shielded—Grounded Neutral						
2	7	145	115	.175	.110	1.90
1	19	165	130	.175	.110	1.98
1/0	19	195	150	.175	.110	2.07
2/0	19	220	170	.175	.110	2.17
3/0	19	250	195	.175	.110	2.28
4/0	19	290	225	.175	.110	2.40
250	37	315	250	.175	.110	2.50
350	37	385	305	.175	.110	2.73
500	37	470	380	.175	.140	3.08

Size AWG or MCM	No.	Ampacity 40°C Ambient		Thick. In.		OD In.
		Cu.*	Alum.*	Insul.	Jkt.	
Three Conductor—15000V—Shielded—Ungrounded Neutral						
1	19	165	130	.215	.110	2.16
1/0	19	195	150	.215	.110	2.25
2/0	19	220	170	.215	.110	2.35
3/0	19	250	195	.215	.110	2.46
4/0	19	290	225	.215	.110	2.59
250	37	315	250	.215	.110	2.69
350	37	385	305	.215	.140	2.97
500	37	470	380	.215	.140	3.26

*Ampacity of 5KV and 15KV single conductor is based on three insulated conductors in single enclosed or exposed conduit. IPCEA methods used for ratings.

Note: Lengths as desired.

WELDER POWER SUPPLY PORTABLE CABLE

Copper Conductor—600V 105 Strands



2, 3 and 4 extra-flexible conductors insulated with color-coded rubber insulation, then cabled together with fillers and covered overall with twine binder and rubber jacket. Maximum operating temperature 60°C.

Size AWG	No. Cond.	Amp- acity	OD In.
8	2	40	.75
8	3	40	.79
8	4	40	.90
6	2	55	.89
6	3	55	.94
6	4	55	1.02

Note: Data is approximate and subject to normal manufacturing tolerances.

WELDING CABLE

Copper - Single Flexible Conductor



Annealed copper conductor conforming to ASTM Specification B-172 and stranded for high flexibility. Kraft crepe paper covering enhances flexibility and prevents conductor discoloration. Specially compounded or NBR/PVC neoprene jacket covers conductor. Use as connection from electrode holder and clamp on arc welder, bus, welding box or transformer in shipyards, mines and all hazardous locations. Suitable for portable lighting systems.

No.	Wire Size AWG	Conductor Strands	Nom. OD In.
78-1891-01771	4/0	2090/30	.805
78-1891-01772	3/0	1672/30	.695
78-1891-01773	2/0	1320/30	.630
78-1891-01774	1/0	1056/30	.590
78-1891-01775	1	836/30	.515
78-1891-01776	2	660/30	.480
78-1891-01777	4	418/30	.410
78-1891-01778	6	264/30	.365

APPARATUS AND MOTOR LEADS

Copper Conductor



Single conductor extra-flexible stranded cable insulated with cross-linked Ethylene Propylene Rubber. Suitable for use as Class 130°C apparatus and motor leads. 600V cables, 4/0 AWG and smaller, are listed for use at 125°C as motor leads and for internal wiring of appliances.

Size AWG or MCM	No. Str.	Insul. Thick. In.	OD In.
10	104	.045	.23
8	133	.060	.31
6	133	.060	.36
4	133	.060	.41
2	133	.060	.49
1	133	.080	.58
1/0	133	.080	.61
2/0	325	.080	.65
3/0	450	.080	.75
4/0	550	.080	.81

Size AWG or MCM	No. Str.	Insul. Thick. In.	OD In.
600V—130°C			
250	650	.095	.89
300	775	.095	.96
350	925	.095	1.02
450	1100	.095	1.11
550	1325	.110	1.24
650	1600	.110	1.33
800	1925	.110	1.43
900	2300	.110	1.55
1000	1750	.125	1.69

Size AWG or MCM	No. Str.	Insul. Thick. In.	OD In.
3000V—130°C			
8	133	.110	.42
6	133	.125	.49
4	133	.125	.55
2	133	.125	.62
1	133	.125	.66
1/0	133	.125	.70
2/0	325	.125	.74
3/0	450	.125	.84
4/0	550	.125	.90
250	650	.140	.98
300	775	.140	1.06

Size AWG or MCM	No. Str.	Insul. Thick. In.	OD In.
5000V—130°C			
8	133	.155	.51
6	133	.155	.55
4	133	.155	.61
2	133	.155	.68
1	133	.155	.72
1/0	133	.155	.76
2/0	325	.155	.81
3/0	450	.155	.90
4/0	550	.155	.96
250	650	.170	1.05
300	775	.170	1.12

Complete Information Available on Request.

PORTABLE CABLE Copper Conductor - 600V



Type W



Type G

Multi-conductor insulated cable with rubber insulation and Neoprene jacket which is resistant to abrasion, impact, oils, acids, heat, cold, sunlight and ozone. Designed to give maximum service under severe operating conditions. Maximum operating temperature 90°C.

When ordering, specify length.

Size AWG	No. Str.	Ampacity 40°C Ambient	OD In.
Type W - Two Conductor			
8	133	72	.81
6	259	95	.93
4	259	127	1.08
2	259	167	1.27
1	259	191	1.44
1/0	259	217	1.52
2/0	259	250	1.65
3/0	259	286	1.77

Size AWG or MCM	No. Str.	Ampacity 40°C Ambient	OD In.
Type W - Three Conductor			
8	133	59	.91
6	259	79	1.01
4	259	104	1.17
2	259	138	1.34
1	259	161	1.51
1/0	259	186	1.65
2/0	259	215	1.75
3/0	259	249	1.89
4/0	259	287	2.04
250MCM	250	320	2.39

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Size AWG	No. Str.	Ampacity 40°C Ambient	OD In.
Type G - Three Conductor			
8	133	59	.91
6	259	79	1.01
4	259	104	1.17
2	259	138	1.34
1	259	161	1.51
1/0	259	186	1.65
2/0	259	215	1.75
3/0	259	249	1.89
4/0	259	287	2.04
250MCM	250	320	2.39

Size AWG	No. Str.	Ampacity 40°C Ambient	OD In.
Type W - Four Conductor			
8	133	54	.99
6	259	72	1.10
4	259	93	1.27
2	259	122	1.48
1/0	259	165	1.79
4/0	259	255	2.26

TYPE STO HEAVY DUTY PORTABLE CORDS

Copper Conductor—600V



Multi-conductor cord with oil-resistant, thermoplastic gray or yellow jacket. Resists water, acids, alkalis and ozone. Passes MSHA flame test requirements. Temperature range -20°C to +60°C.

Premium grade color-coded PVC insulation; 2 conductors black/white; 3 conductors black/white/green; 4 conductors black/white/red/green.

UL flexible cord - UL Subject 62; OSHA acceptable. Meets Coast Guard Rules & Regulations Section 183.435 Item No. 2 and CG-259 Spec. Section 111.60-5. Meets Federal Std. Spec. J-C-580B.

Standard packaging 250'.

AWG Size	No. Cond.	Nom. OD In.	WT./M Ft. Lbs.
18-Gry	2	.345	56
18-Yel	2	.345	56
18-Gry	3	.365	80
18-Yel	3	.365	80
18-Gry	4	.390	92
18-Yel	4	.390	92
16-Gry	2	.370	78
16-Yel	2	.370	78
16-Gry	3	.390	94
16-Yel	3	.390	94
16-Gry	4	.415	110
16-Yel	4	.415	110
14-Gry	2	.500	133
14-Yel	2	.500	133
14-Gry	3	.530	158
14-Yel	3	.530	158
14-Gry	4	.570	188
14-Yel	4	.570	188
12-Gry	2	.575	177
12-Yel	2	.575	177
12-Gry	3	.600	211
12-Yel	3	.600	211
12-Gry	4	.650	260
12-Yel	4	.650	260
10-Gry	2	.625	217
10-Yel	2	.625	217
10-Gry	3	.655	272
10-Yel	3	.655	272
10-Gry	4	.710	330
10-Yel	4	.710	330

TYPE SV, SVO, SVT LIGHTWEIGHT PORTABLE CORDS

Copper Conductor—300V



Two and three conductor lightweight, small diameter cord with great flexibility, good tensile strength, elongation and aging characteristics. For vacuum cleaners, office and light-duty equipment application.

Premium grade color-coded EPDM insulation: 2 conductor black/white; 3 conductor black/white/green.

UL flexible cord, UL Subject 62; CSA flexible cord C22.2-49; OSHA acceptable.

Type SV. Black rubber jacket. Temperature range -40°C to +60°C.

Type SVO. Black Carprene jacket. Temperature range -40°C to +90°C.

Type SVT. Black ribbed thermoplastic (PVC) jacket. Temperature range -20°C to +60°C.

Standard packaging 250' spools.

AWG Size	No. Cond.	Cond. Strand	Nom. Insul. Thick. In.	Nom. OD In.	Current Amps
Type SV					
18-Blk	2	41/34	.016	.245	10
18-Blk	3	41/34	.016	.255	10
Type SVO					
18-Blk	2	41/34	.016	.245	10
18-Blk	3	41/34	.016	.255	10
Type SVT					
18-Blk	2	41/34	.030	.235	10
18-Gry	2	41/34	.030	.235	10
18-Wht	2	41/34	.030	.235	10
18-Blk	3	41/34	.030	.255	10
18-Gry	3	41/34	.030	.255	10
18-Wht	3	41/34	.030	.255	10

TYPE SOW-A/SO AND SJOW-A/SJO NEOPRENE JACKETED PORTABLE CORDS

Copper Conductor



Fully annealed stranded bare copper conductor per ASTM B-174. Color coded 90°C EPDM insulation with black neoprene, jacket. Jacketed is marked with P number and MSHA approval Temperature Rating: -40°C to +90°C. Designed for portable tools and equipment, portable appliances, small motors and associated machinery. Package: 250' carton.

No.	Wire Size AWG	No. Cond.	Nom. OD In.	Current Amps	WT./1000 Ft. Lbs.
Type SO—600V*					
78-1891-01811	8	2	0.675	40	300
78-1891-01812	8	3	0.725	40	383
78-1891-01827	8	4	0.780	35	511
78-1891-98267	8	5	0.875	28	633
78-1891-01826	6	2	0.795	55	389
78-1891-01825	6	3	0.865	55	550
78-1891-01824	6	4	0.900	45	657
78-1891-98270	6	5	1.045	36	830
78-1891-01823	4	2	0.900	70	530
78-1891-01822	4	3	0.975	70	710
78-1891-01821	4	4	1.100	60	916
78-1891-98463	4	5	1.205	48	1139

No.	Wire Size AWG	No. Cond.	Nom. OD In.	Current Amps	WT./1000 Ft. Lbs.
78-1891-01820	2	2	1.105	95	810
78-1891-01819	2	3	1.170	95	1051
78-1891-01818	2	4	1.290	80	1378
78-1891-98187	2	5	1.425	65	1825

Type SJO—300V

78-1891-01310†	18	2	0.295	10	56
78-1891-01311	18	2	0.320	10	72
78-1891-01344	18	4	0.355	7	96
78-1891-01312†	16	2	0.320	13	69
78-1891-01342	16	3	0.345	13	92
78-1891-01343	16	4	0.385	10	116
78-1891-01358	14	2	0.350	18	92
78-1891-01360	14	3	0.380	18	112
78-1891-01364	14	4	0.415	15	136
78-1891-01379	12	2	0.425	25	146
78-1891-01380	12	3	0.450	25	189
78-1891-01381	12	4	0.500	20	225
78-1891-01382	10	2	0.560	30	214
78-1891-01383	10	3	0.600	30	275
78-1891-01384	10	4	0.680	25	344

*Eight through 2 AWG not UL nor CSA approved but manufactured to acceptable commercial standards.

†Package quantity: 1000'.

TYPES SJT AND SJTO MEDIUM DUTY PORTABLE CORDS

Copper Conductor—300V



Type SJT

Medium duty cord suitable for use with electric mixers, polishers, washing machines and portable appliances. Maximum operating temperature 60°C. Type SJT is made with plastic insulation and jacket; Type SJTO uses plastic insulation and a jacket that is resistant to oils, acids, etc.

Size AWG	No. Cond.	Ampacity Type SJT	OD In.	WT./M Ft. Lbs.
18-Wht	2	10	.282	40
18-Blk	2	10	.282	40
18-Wht	3	10	.303	52
18-Blk	3	10	.303	52
18-Org	3	10	.303	52
16-Blk	2	13	.308	50
16-Org	2	13	.308	50
16-Blk	3	13	.328	67
16-Org	3	13	.328	67
14-Org	3	18	.363	90
Type SJTO				
18-Gry	2	10	.282	40
18-Yel	2	10	.282	40
18-Gry	3	10	.303	52
18-Yel	3	10	.303	52
18-Gry	4	7	.328	68
18-Yel	4	7	.328	68
16-Gry	2	13	.308	50
16-Yel	2	13	.308	50
16-Gry	3	13	.328	67
16-Yel	3	13	.328	67
16-Gry	4	10	.360	88
16-Yel	4	10	.360	88
14-Gry	2	18	.340	70
14-Yel	2	18	.340	70
14-Gry	3	18	.363	90
14-Yel	3	18	.363	90
14-Gry	4	15	.398	117
14-Yel	4	15	.398	117

Note: Packaging: 18/2 thru 16/3, 250' spool; all others 250' coil. Prices are listed per 1000'.

**TYPES SP AND SPT
PARALLEL PORTABLE CORDS**
Copper Conductor—300 Volts



Two and three conductor parallel cord with midrip for easy splitting and stripping. Suitable for use on household items not subject to hard usage, such as fans, clocks, lamps, radios. Available in various colors.

Size AWG	No. Cond.	Wt. M Ft. Lbs.
Type SP—Rubber Insulation		
18-SP1-Brn	2	26
18-SP1-Wht	2	26
18-SP2	2	36
16-SP2	2	43
Type SPT—Plastic Insulation		
18-SPT1-Brn	2	21
18-SPT1-Blk	2	21
18-SPT1-Wht	2	21
18-SPT1-Ivy	2	21
18-SPT2-Brn	2	27
18-SPT2-Blk	2	27
18-SPT2-Wht	2	27
16-SPT2-Brn	2	35
16-SPT2-Blk	2	35
16-SPT2-Wht	2	35
14-SPT3-Brn	2	76
14-SPT3-Blk	2	76
14-SPT3-Gry	2	76
14-SPT3-Yel	2	76
18-SPT1-Brn	3	40
16-SPT2-Gry	3	62
16-SPT2-Yel	3	62
14-SPT3-Gry	3	92
14-SPT3-Yel	3	92
14-SPT2*	3	90
12-SPT2*	3	117

*Not UL listed.

Note: Packaging: 250' spool.

THERMOSTAT CABLE
UL Type CL2 Multi-Conductor,
Bare Copper Conductor



Thermoplastic insulated, solid bare copper conductor cable with PVC jacket overall. Resists combustion, shorting to ground and between conductors. Designed for low voltage applications, thermostat controls, heating and air conditioning installations, burglar alarms, and intercom systems. 0.012" thick insulation.

Cat. No.	UPC	No. Cond.	Nom. OD In.	Wt./M Ft. Lbs.	Pkg. Qty. Ft.
20 AWG Solid Strand					
78-1891-05482		2	0.179	16	2000
78-1891-05483		3	0.188	22	2000
78-1891-05484		4	0.203	27	1000
78-1891-05485		5	0.220	32	1000
78-1891-05486		6	0.233	37	1000
78-1891-05487		7	0.237	41	1000
78-1891-05488		8	0.248	46	1000
78-1891-05489		9	0.273	52	1000
78-1891-05481		10	0.287	56	1000
18 AWG Solid Strand					
78-1891-05582		2	0.192	21	2000
78-1891-05583		3	0.203	28	2000
78-1891-05584		4	0.220	35	1000
78-1891-05585		5	0.238	42	1000
78-1891-05586		6	0.252	49	1000
78-1891-05587		7	0.258	56	1000
78-1891-05588		8	0.278	63	1000
78-1891-05589		9	0.294	70	1000
78-1891-05581		10	0.324	78	1000

**TYPE SOW-A/SO PORTABLE
CONTROL CABLES**
Copper Conductor—600V—90°C



18 thru 16 AWG fully annealed stranded bare copper per ASTM B-174. Premium grade color coded 90°C EPCM insulation, black neoprene jacket. Temperature range: -40°C to +90°C. Voltage Rating: 600V. P number and MSHA approval marked on jacket. Designed for use on tools, cranes, hoists, track systems, heavy industrial, processing, construction and other electrical equipment. Available with up to 200 conductors. Put-Up: 250', 500' and 1000' reels, cut lengths available.

No.	No. Conductors	Nom. OD In.	Current Carrying Capacity Amps	Wt./1000 Ft. Lbs.
18 Gauge, 16 Strands				
78-1891-09805	5	.495	5.6	136
78-1891-09806	6	.530	5.6	160
78-1891-09807	7	.564	4.9	180
78-1891-09808	8	.575	4.9	200
78-1891-09810	10	.630	4.9	240
78-1891-09812	12	.660	4.9	265
78-1891-09814	14	.710	4.9	280
78-1891-09816	16	.740	4.9	340
78-1891-09818	18	.770	4.9	375
78-1891-09820	20	.820	4.9	420
78-1891-09822	22	.870	4.9	460
78-1891-09824	24	.890	4.9	500
78-1891-09827	27	.930	4.2	555
78-1891-09830	30	.950	4.2	610
78-1891-09836	36	1.050	4.2	700
78-1891-09839	39	1.080	4.2	770
78-1891-09844	44	1.180	3.5	795
78-1891-09852	52	1.265	3.5	945
78-1891-09860	60	1.340	3.5	1060
78-1891-09868	68	1.415	3.5	1180
78-1891-09876	76	1.480	3.5	1290
78-1891-09884	84	1.550	3.5	1400
78-1891-09892	92	1.620	3.5	1525
78-1891-09800	100	1.660	3.5	1635
16 Gauge, 26 Strands				
78-1891-09605	5	.530	8	165
78-1891-09606	6	.570	8	190
78-1891-09607	7	.605	7	215
78-1891-09608	8	.615	7	240
78-1891-09609	9	.740	7	294
78-1891-09610	10	.740	7	310
78-1891-09612	12	.760	7	345
78-1891-09614	14	.785	7	375
78-1891-09616	16	.820	7	325
78-1891-09618	18	.840	7	475
78-1891-09620	20	.920	7	520
78-1891-09622	22	.930	7	570
78-1891-09624	24	1.010	7	670
78-1891-09627	27	1.030	6	685
78-1891-09630	30	1.050	6	760
78-1891-09636	36	1.130	6	840
78-1891-09639	39	1.175	6	960
78-1891-09644	44	1.310	5	1040
78-1891-09652	52	1.365	5	1190
78-1891-09660	60	1.450	5	1340
78-1891-09668	68	1.530	5	1495
78-1891-09676	76	1.600	5	1635
78-1891-09684	84	1.680	5	1790
78-1891-09692	92	1.795	5	2005
78-1891-09600	100	1.835	5	2155
14 Gauge, 41 Strands				
78-1891-09405	5	.695	12	280
78-1891-09406	6	.750	12	320
78-1891-09407	7	.760	10.5	365
78-1891-09408	8	.820	10.5	410
78-1891-09409	9	.925	10.5	455
78-1891-09410	10	.925	10.5	477

No.	No. Conductors	Nom. OD In.	Current Carrying Capacity Amps	Wt./1000 Ft. Lbs.
78-1891-09412	12	.930	10.5	545
78-1891-09414	14	1.010	10.5	650
78-1891-09416	16	1.065	10.5	725
78-1891-09418	18	1.110	10.5	800
78-1891-09420	20	1.210	10.5	860
78-1891-09424	24	1.325	10.5	1005
78-1891-09430	30	1.400	9	1180
78-1891-09436	36	1.510	9	1385
78-1891-09444	44	1.720	7.5	1670
78-1891-09452	52	1.835	7.5	1965
78-1891-09460	60	1.940	7.5	2225
78-1891-09468	68	2.155	7.5	2495
78-1891-09476	76	2.155	7.5	2730
78-1891-09480	80	2.205	7.5	2860
12 Gauge, 65 Strands				
78-1891-09205	5	.750	16	355
78-1891-09206	6	.810	16	400
78-1891-09207	7	.870	14	460
78-1891-09208	8	.920	14	520
78-1891-09209	9	1.000	14	602
78-1891-09210	10	1.000	14	640
78-1891-09212	12	1.050	14	715
78-1891-09214	14	1.100	14	850
78-1891-09216	16	1.160	14	935
78-1891-09218	18	1.270	14	1030
78-1891-09220	20	1.320	14	1100
78-1891-09224	24	1.453	12	1370
78-1891-09226	26	1.453	12	1410
78-1891-09227	27	1.485	12	1430
78-1891-09228	28	1.525	12	1440
78-1891-09230	30	1.535	12	1620
78-1891-09236	36	1.685	12	1775
78-1891-09244	44	1.920	10	2230
78-1891-09252	52	2.010	10	2550
78-1891-09260	60	2.120	10	2890
78-1891-09264	64	2.185	10	3075
10 Gauge, 104 Strands				
78-1891-09005	5	.830	24	460
78-1891-09006	6	.900	24	520
78-1891-09007	7	.995	21	630
78-1891-09008	8	1.060	21	700
78-1891-09010	10	1.160	21	770
78-1891-09012	12	1.190	21	850
78-1891-09016	16	1.330	17.5	1190
78-1891-09020	20	1.460	17.5	1445
78-1891-09024	24	1.592	15	1825
78-1891-09026	26	1.600	15	1885
78-1891-09030	30	1.682	15	2240
78-1891-09034	34	1.885	15	2380
78-1891-09036	36	1.850	15	2650
78-1891-09040	40	2.025	15	2680

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cable needs!*

BARE COPPER WIRE



Available in tempers: hard, medium-hard or soft; solid or concentrically stranded bare copper. Some sizes available in tinned copper. Designed for use on insulators for overhead distribution circuits or for grounding conductors.

Wire Size AWG	No. Strands	Nom. Dia. In.	Solid Soft Drawn Wt./1000 Lbs.
14	Solid	.0641	12
12	Solid	.0808	20
10	Solid	.1019	31
8	Solid	.1285	50
6	Solid	.1620	79
4	Solid	.2043	126
2	Solid	.2576	201
8	7	.148	51
6	7	.184	81
4	7	.232	129
2	7	.292	205
1/0	7 or 19	.373	326
2/0	7 or 19	.419	411
3/0	7 or 19	.470	518
4/0	7 or 19	.528	653
250MCM	37	.575	772
350MCM	37	.681	1081
500MCM	37	.813	1544
750MCM	61	.998	2316
1000MCM	61	1.152	3088

MACHINE TOOL & APPLIANCE WIRE

Type MTW/AWM/TEW

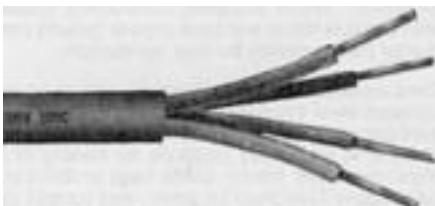


Stranded copper conductor with thermoplastic insulation. Heat, moisture and oil resistant. Voltage Rating: 600. Designed for use in appliances, machine tools and building applications. Color Codes: A=Black, white, red, blue, green, orange, yellow, brown, purple, gray, pink, tan. B=Black, white, red, blue, green, orange, yellow, brown, purple, gray, pink. C=Black, white, red, blue, green. D=Black.

UL and CSA rated for thermoplastic equipment wire. MTW/AWM/TEW 600V light wall, meets the requirements of N.M.T.B.A. and is UL and CSA Listed.

No.	Wire Size AWG	Color Code	Insul. Thick. In.	Dec. Equiv. In.	No. Strands	Lgth. Ft.
98-0130-30600	18	B	3/100	.030	16	500
02574	16	...	3/100	.030	...	500
02576	16	...	3/100	.030	...	500
02578	16	...	3/100	.030	...	500
02579	16	...	3/100	.030	...	500
02581	16	...	3/100	.030	...	500
98-0130-30700	16	A	3/100	.030	26	500
02588	14	...	3/100	.030	...	500
02592	14	...	3/100	.030	...	500
98-0130-30800	14	A	3/100	.030	19	500
98-0130-30900	12	B	3/100	.030	19	500
02980	10	...	3/100	.030	...	500
98-0130-31000	10	C	3/100	.030	19	500
98-0130-31060	8	D	3/200	.045	19	500
98-0130-31400	6	D	3/50	.060	19	500
98-0130-31450	4	D	3/50	.060	19	500
98-0130-31480	2	D	3/50	.060	19	500

PLENUM FIRE ALARM WIRE Electronic/Telephone

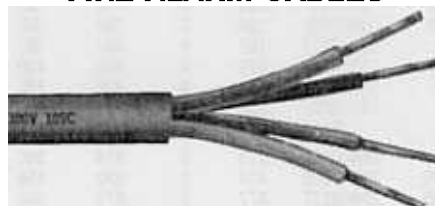


For fire, burglar, smoke detection and communication systems. Power limited fire protective signaling circuit cable. Solid bare copper conductor with insulation and jacketed with approved plenum rated compounds, rated for 75°C. Shielded cable has overall aluminum foil

shield with stranded tinned copper drain wire. Rated for 300V FPLP.

No.	UPC	AWG	Pkg.	Lgth. Ft.
X0066	18/2	Reel	500
X0067	16/2	Reel	500
X0068	14/2	Reel	500

FIRE ALARM CABLES



Power limited fire protective signaling circuit cable. Solid bare copper conductor with insula-

tion and jacketed with approved plenum rated compounds, rated for 75°C. Shielded cable has overall aluminum foil shield with stranded tinned copper drain wire. Rated for 300V FPLP. Used for fire and burglar systems, smoke detection and communications systems. Package Quantity: 1000.

No.	UPC Unshielded	Wire Size AWG	No. Cond.
0155-10619		22	2
0155-10620		22	4
0155-10621		18	2
0155-10622		18	4
0155-10623		16	2
0155-10624		16	4
0155-10625		14	2
0155-10626		14	

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No.	UPC Foil Shielded	Wire Size AWG	No. Cond.
0155-10627	22	2
0155-10628	22	4
0155-10629	18	2
0155-10630	18	4
0155-10631	16	2
0155-10632	16	4
0155-10633	14	2
0155-10634	14	4

BUS DROP CABLE Copper Conductor - 600V



Three conductor polyvinyl chloride insulated cable with ground wires, cabled with fillers. Mylar® type and polyvinyl chloride jacket overall. Suitable for connecting branch circuit runs between overhead bus feeders, open or enclosed, to machine tools, factory equipment, etc., where resistance (to oils only where marked) and lubricants are highly important. Maximum operating temperature 60°C.

No.	UPC	Size AWG	No. Str.	Insul. Thick. In.	Jacket Thick. In.	Wire Size In.	OD 1000'	Wt./ Lbs.
19-14	14	19	.030	.045	18	.39	126
19-12	12	19	.030	.045	16	.43	154
19-10	10	19	.030	.045	14	.49	203
19-8	8	19	.045	.060	14	.65	328
19-6	6	19	.060	.060	14	.79	510
19-4	4	19	.060	.060	12	.93	701
133-2	2	133	.060	.080	12	1.06	1056

Note: Packaging: cutting lengths as required.

TF, TFF, TFN FIXTURE WIRE



Type TF and TFF: Single conductor wire with thermoplastic insulation suitable for use on lighting fixtures and other applications where temperatures do not exceed 60°C.

Type TFN: TFN (solid conductor) is flame retardant PVC insulated with nylon jacket. Resistance to abrasion, chemicals, gas and oil. Used for metal working machine tools, lighting fixtures and appliance applications.

Size AWG	No. Strands Solid Conductor—TF	Insul. Thick. In.	OD In.
18-BLK	1	.030	.11
18-WHT	1	.030	.11
18-RED	1	.030	.11
18-BLU	1	.030	.11
18-YEL	1	.030	.11
18-GRN	1	.030	.11
18-ORG	1	.030	.11
18-BRN	1	.030	.11
18-PUR	1	.030	.11
18-GRY	1	.030	.11
18-PNK	1	.030	.11
16-BLK	1	.030	.12
16-WHT	1	.030	.12
16-RED	1	.030	.12
16-BLU	1	.030	.12
16-YEL	1	.030	.12
16-GRN	1	.030	.12
16-ORG	1	.030	.12

Size AWG	No. Strands	Insul. Thick. In.	OD In.
16-BRN	1	.030	.12
16-PUR	1	.030	.12
16-GRY	1	.030	.12
16-PNK	1	.030	.12

Stranded Conductor—TFF

18-BLK	16	.030	.11
18-WHT	16	.030	.11
18-RED	16	.030	.11
18-BLU	16	.030	.11
18-YEL	16	.030	.11
18-GRN	16	.030	.11
18-ORG	16	.030	.11
18-BRN	16	.030	.11
18-PUR	16	.030	.11
18-GRY	16	.030	.11
18-PNK	16	.030	.11
16-BLK	26	.030	.13
16-WHT	26	.030	.13
16-RED	26	.030	.13
16-BLU	26	.030	.13
16-YEL	26	.030	.13
16-GRN	26	.030	.13
16-ORG	26	.030	.13
16-BRN	26	.030	.13
16-PUR	26	.030	.13
16-GRY	26	.030	.13
16-PNK	26	.030	.13

Solid Conductor—TFN

18	1	.015	.082
16	1	.015	.093

Note: Packaging: 500' reels for Type TF and TFF; 2000' carton per Type TFN.

SRML HIGH TEMPERATURE SILICONE RUBBER MOTOR LEAD WIRE

600V—180°C (Cont.)
200°C (Intermittent)



Flexible stranded, annealed tinned copper covered with a silicone rubber compound and then a saturated glass braid.

For leads to motors, transformers or other electrical circuits where a flexible conductor is required to operate under high temperature conditions. They will stand up against varnish dip and bake processes.

Size AWG	Bare Dia. In.	Insul. Thick. 64th In.	Nom. Fin. Dia. In.	Wt./ 1000 Ft. Lbs.	
Braid Thickness Mils—9					
18	16/.010	.045	2	.123	12
16	26/.010	.059	2	.135	16
14	41/.010	.075	2	.149	22
12	65/.010	.095	2	.172	32
10	104/.010	.120	3	.236	56
8	133/.0111	.167	4	.307	92
6	133/.0140	.210	4	.350	130
4	133/.0177	.266	4	.406	192
2	133/.0223	.335	4	.475	282
Braid Thickness Mils—20					
1	259/.0180	.378	5	.574	386
1/0	259/.0202	.424	5	.620	468
2/0	259/.0227	.477	5	.673	545
3/0	259/.0255	.536	5	.732	673
4/0	259/.0286	.601	5	.797	826

BX ARMORED CABLE Copper Conductor—600V



Two, three and four conductor polyvinyl chloride insulated wire protected by an interlocking armor of galvanized steel. Suitable for use in exposed and concealed work in dry locations at 60°C. Fiber bushings are furnished with each coil.

Size AWG	No. Cond.	Insul. Thick. In.	OD In.	No. Bush.	Coil Lgth. Ft.
Solid Conductors					
14	2	.031	.433	35	250
12	2	.031	.467	35	250
10	2	.031	.509	35	250
8	2	.047	.664	20	150
14	3	.031	.453	35	250
12	3	.031	.489	35	250
10	3	.031	.534	35	200
8	3	.047	.699	20	150
14	4	.031	.486	35	250
12	4	.031	.526	35	250
10	4	.031	.577	35	150
8	4	.047	.756	20	100

Stranded Conductors

8	2	.047	.699	20	150
6	2	.063	.837	16	100
4	2	.063	.933	16	100
2	2	.063	1.054	16	100
8	3	.047	.736	20	150
6	3	.063	.885	16	100
4	3	.063	.989	16	100
2	3	.063	1.119	16	100
8	4	.047	.798	16	100
6	4	.063	.965	16	100
4	4	.063	1.081	16	100
2	4	.063	1.227	16	100

Note: Data is approximate and subject to normal manufacturing tolerances.

MC INTERLOCKED ARMOR CABLE

Galvanized Steel or Aluminum Armor
Three & Four Conductor



Class B stranded copper, cross-linked polyethylene (type XHHW) heat and moisture resistant insulation. Phase identified conductors, cabled with suitable fillers and bare copper ground conductor (two grounds for four conductor).

Core covered with binder tape. Aluminum or galvanized steel interlocked armor with flame and sunlight resistant black PVC jacket. 600V rated at 90°C in wet or dry locations for aerially or in metal rack, tray, trough, cable trays or direct buried cable. Designed for power and control circuits, substations and generating stations.

When installed per NEC, cables meet the requirements of OSHA, may be used in NEC Class I and II, Division 2 and Class III, Division 1 and 2 hazardous locations. TECK 90 is available in 600V, 1 kV, 5 kV and 15 kV.

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Specifications

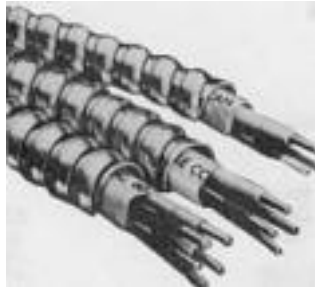
No.	WT./1000 Ft., Lbs.	
	Alum. Armor	Galv. Armor
98-0100-97601	200	297
98-0100-97602	236	333
98-0100-97603	291	393
98-0100-97604	405	530
98-0100-97605	542	682
98-0100-97606	723	881
98-0100-97607	1024	1209
98-0100-97608	1247	1455
98-0100-97609	1534	1852
98-0100-97610	1859	2203
98-0100-97611	2305	2682
98-0100-97612	2760	3169
98-0100-97613	3196	3641
98-0100-97614	4249	4757
98-0100-97615	6344	6923
98-0100-97616	9028	9719
98-0100-97617	233	338
98-0100-97618	270	372
98-0100-97619	349	455
98-0100-97620	498	633
98-0100-97621	673	826
98-0100-97622	914	1090
98-0100-97623	1326	1530
98-0100-97624	1675	2000
98-0100-97625	1990	2340
98-0100-97626	2376	2579
98-0100-97627	2911	3328
98-0100-97628	3510	3959
98-0100-97629	4076	4571
98-0100-97630	5889	6449
98-0100-97631	8072	8716

Cable

No.	Wire Size	No. Strands	Ground Conductor	Cable OD
	AWG		AWG	In.
Three Conductor				
98-0100-97600	14	7	14	.675
98-0100-97601	12	7	12	.675
98-0100-97602	10	7	10	.675
98-0100-97603	8	7	10	.818
98-0100-97604	6	7	8	.906
98-0100-97605	4	7	8	1.010
98-0100-97606	2	7	6	1.130
98-0100-97607	1	19	6	1.270
98-0100-97608	1/0	19	6	1.410
98-0100-97609	1/0	19	6	1.520
98-0100-97610	3/0	19	4	1.630
98-0100-97611	4/0	19	4	1.760
98-0100-97612	250MCM	37	4	1.910
98-0100-97613	350MCM	37	3	2.140
98-0100-97614	500MCM	37	2	2.450
98-0100-97615	750MCM	61	1	2.940
Four Conductor				
98-0100-97616	14	7	16	.675
98-0100-97617	12	7	14	.675
98-0100-97618	10	7	12	.700
98-0100-97619	8	7	12	.880
98-0100-97620	6	7	10	.980
98-0100-97621	4	7	10	1.090
98-0100-97622	2	7	8	1.240
98-0100-97623	1	19	8	1.450
98-0100-97624	1/0	19	8	1.550

No.	Wire Size AWG	No. Strands	Ground Conductor AWG	Cable OD in.
98-0100-97625	2/0	19	8	1.660
98-0100-97626	3/0	19	6	1.790
98-0100-97627	4/0	19	6	1.930
98-0100-97628	250MCM	37	6	2.100
98-0100-97629	350MCM	37	4	2.380
98-0100-97630	500MCM	37	4	2.700
98-0100-97631	750MCM	61	3	3.260

AFC CABLE FITTINGS Flexible Metal Clad Cable MC & MC Lite® Cable - Type MC



14 AWG to 250 kc/mil, 600V. 90°C (dry) rated. THHN/XHHW insulated copper conductors. Galvanized steel or aluminum armor. Mylar assembly tape wrap. For branch, feeder and service circuits in commercial/industrial/multi-residential buildings and places of assembly (100 people or more). Use in hazardous locations up to Class I, Div. 2 and in environmental air-handling spaces. UL 1, 2 and 3-hour through Fire Wall rated. Cable tray rated. UL Type MC. Meet applicable NEC standards.

Trade Size

Solid THHN

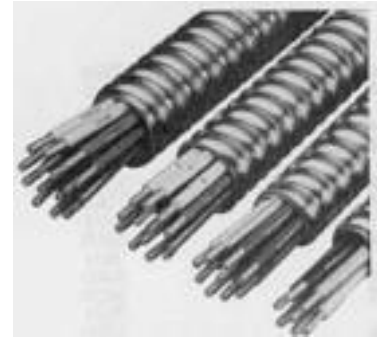
14-2
14-3
14-4
12-2
12-3
12-4
10-2
10-3
10-4

Stranded THHN

8-2
8-3
8-4
6-2
6-3
6-4
4-3
4-4

Trade Size	Green Insul. Gnd. Size
3-3	6
3-4	6
2-3	6
2-4	6
1-3	6
1/0-3	6 Bare
1/0-4	6 Bare
2/0-3	6 Bare
2/0-4	6 Bare
3/0-3	4 Bare
3/0-4	4 Bare
4/0-3	4 Bare
4/0-4	4 Bare

AFC CABLE FITTINGS Flexible Metal Clad Cable Home Run Cable® - Type MC



14 AWG to 10 AWG, 600V. 90°C (dry) rated. THHN insulated copper conductors. Galvanized steel or optional aluminum armor. 6-24 solid or stranded copper conductors. Mylar assembly tape wrap. May be exposed or concealed, installed in cable tray or approved raceway, supported aerial runs. UL 1, 2 and 3-hour through-penetration Fire Wall rated. Phase- and circuit-identified. UL Type MC. Meet applicable NEC standards.

Trade Size	Green Insul. Gnd. Size	Nom. OD In.	Reel Lgth./ Ft.	Approx. Wt./ 1000 Ft.
	12-6	12	0.590	1000	345
12-8	12	0.660	1000	430
10-6	10	.705	1000	485
10-8	10	.785	1000	600
10-12	10	.875	500	805
10-16	10	0.890	500	995
10-24	10	1.210	500	1590

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ALPHA WIRE
Coaxial Cable
Type RG



Type 62 A/U



Type 71 B/U



Type 6 A/U

Used for CATV, MATV, microwave, radar and high speed data.

No.	Type	Inner Cond. Str.	O.D. In.	Imped. Ohms	WT./100' Lbs.
9006A	6A/U	1	.336	75.5	8.0
9008	8A/U	7/.0285	.415	52.5	12.0
9008A	8A/U	7/.0285	.415	52.5	12.0
9009B	9B/U	7/.0285	.430	50.5	13.0
9011	11A/U	7/.0159	.415	75.5	10.0
9011A	11A/U	7/.0159	.412	75.5	10.0
9012A	12A/U	7/.0159	.412	75.5	12.0
9055	55A/U	1	.206	53.5	3.0
9055B	55B/U	1	.206	53.5	4.0
9058	58A/U	1	.200	53.5	3.3
9058A	58A/U	18/.0071	.199	50.5	3.3
9058C	58C/U	18/.0071	.199	50.5	3.3
9059	59A/U	1	.250	73.5	4.5
9059B	59B/U	1	.246	75.5	4.5
9062	62A/U	1	.250	93.5	4.3
9062-A*	62A/U	1	.249	93.5	3.5
9063B	63B/U	1	.415	125.5	8.0
9071B	71B/U	1	.250	93.5	4.0
9174	174A/U	7/.0063	.105	50.5	.7
9212	212A/U	1	.336	50.5	9.0
9213	213A/U	7/.0296	.412	50.5	12.0
9214	214A/U	7/.0296	.432	50.5	13.0
9217	217A/U	1	.555	50.5	23.0
9223	223A/U	1	.216	50.5	4.0

*2000' spools also available from stock.

PLENUM CABLE
UL - Plencote® Coaxial Cable

For communication, computer and video systems for installation in plenums without conduit. Bare copper or copper clad steel conductor, Plencote® insulation copper shield, Plencote® jacket. UL classified in accordance with NEC 725-2(b), class 2.

Type	AWG	Insul. & Core OD In.	Vel. of Prop %	IMP Ohms	Nom. Capacitance pF/Ft.	Nom. OD In.
Tinned Copper Shield 95% Coverage						
58A/U	20*	.112†	70	53.5	27.0	.180
Bare Copper Shield 95% Coverage						
59/U	22‡	.135	70	73	19.7	.210
62A/U	22§	.142*	85	93	13.0	.225

*Solid bare copper.

†Solid.

‡Solid copper covered steel.

§Solid bare copper covered steel.

*Semi-solid

Complete Information Available on Request.

Products shown here are for reference only. They can be sold by the locally authorized distributor.

BELDEN® Computer Cable



Type RG-62A/U. Bare copper braid shielding. IBM P/N 323921. PVC jacketed. Thin ethernet type. Coaxial. 95% shield coverage. Nom. Atten.: 8.7 dB/100' at 1000 MHz.

UL NEC Type: CM CL2. CSA Certified CXC FT 1. UL AWM Style 1478.

No.	UPC	Lgth. Ft.	OD In.	Nom. Imp. Ohms	Nom. Cap. pF/Ft.
9269-100		100	.240	93	13.5
9269-250		250	.240	93	13.5
9269U-500		U-500	.240	93	13.5
9269U-1000		U-1000	.240	93	13.5
9268-500		500	.260	93	13.5
9268U-500		U-500	.260	93	13.5
9268-1000		1000	.260	93	13.5

BELDEN® Twinaxial Computer Cable



Black PVC jacket. 100% shield coverage.

CSA Certified PCC FT 1.

Series 9463. Nom. Atten.: 16 dB/100' at 400 MHz.

UL NEC Type: CM CL2.

No. 9182. Nom. Atten.: 8.8 dB/100' at 400 MHz.

UL NEC Type: CL2X.

No. 9207. Nom. Atten.: 10.2 dB/100' at 400 MHz.

UL NEC Type: CM CL2.

No. 9272. Nom. Atten.: 16 dB/100' at 400 MHz.

UL NEC Type: CM.

No.	Lgth. Ft.	Nom. OD In.	Shielding	Nom. Imp. Ohms	Nom. Cap. pF/Ft.
9463-100	100	.243	Beldfoil® +55% Tinned Copper	78	19.7
9463U-500	U-500	.243	Beldfoil® +55% Tinned Copper	78	19.7
9463U-1000	U-1000	.243	Beldfoil® +55% Tinned Copper	78	19.7
9182-500	500	.350	Duofoil® w/Stranded Tinned Copper Drain	150	8.8
9207-500	500	.330	Duofoil® +86%	100	15.5
9207U-500	U-500	.330	Tinned Copper Braid Duofoil® +86%	100	15.5
9207-1000	1000	.330	Tinned Copper Braid Duofoil® +86%	100	15.5
9272U-1000*	U-1000	.244	Tinned Copper Braid Tinned Copper Braid	78	19.7

*93% shield coverage.

BELDEN®

Sound, Broadcast and Audio Instrumentation Cable

Beldfoil® - UL Style 2042 - 300V, 60°C



Stranded conductors, 18 AWG, (16x30); insulation thickness 0.18"; jacket thickness .028". Color coding black or clear. Standard lengths 250', U-500' 500', U-1000', 1000', 2000' & 5000'. 100% coverage.

No.	UPC	No. Cond.	Nom. OD In.
8760		1	.222

BELDEN®

Control & Instrumentation Cable



Polyethylene insulation. Beldfoil® aluminum-polyester shielding. 100% shield coverage. Chrome PVC jacket. Color code: black, red or clear. Z-Fold®.

UL Style 2093. UL NEC Type: CM.

No.	No. Cond.	Volts	OD In.	Nom. Cap. pF/Ft.*
8770-500	3	300	.246	24
8770U-500	3	300	.246	24
8770-1000	3	300	.246	24
8770U-1000	3	300	.246	24
8770-10000	3	300	.246	24

*Capacitance between conductors.

ALPHA WIRE

Communication & Control Cable
Multipair



Each conductor tinned copper. 60°C PE/PVC - 300V, 350V and 400V. Color coded high density polyethylene insulation. Conductor twisted into pairs. Mylar-supported aluminum foil shield, aluminum facing inward. Stranded tinned copper drain wire. Temperature range, -20°C to +80°C. Suggested working voltage — 22 AWG, 300V; 20 AWG, 350V; 18 AWG, 400V.

No.	UPC	No. Pairs	Cond.	Nom. Insul. Thick. In.	Nom. Insul. Thick. mm	Nom. OD In.	Nom. OD mm
22 AWG—Solid							
Nom. Insul. Thickness, .010"							
6000	3	6	.045	1.14	.295	7.49
6002	6	12	.045	1.14	.370	9.39
6004	9	18	.045	1.14	.415	10.54
6006	11	22	.045	1.14	.455	11.55
6008	15	30	.045	1.14	.520	13.20
22 AWG—7/30 Str.							
Nom. Insul. Thickness, .010"							
6010	3	6	.045	1.14	.315	8.00
6012	6	12	.045	1.14	.390	9.91
6014	9	18	.045	1.14	.460	11.65
6016	11	22	.045	1.14	.480	12.19
6017	12	24	.045	1.14	.486	12.34
6018	15	30	.060	1.52	.565	14.35
6019	17	34	.060	1.52	.615	15.62
6020	19	38	.060	1.52	.630	16.00

No.	UPC	No. Pairs	Cond.	Nom. Insul. Thick. In.	Nom. Insul. Thick. mm	Nom. OD In.	Nom. OD mm
6022	27	54	.060	1.52	.730	18.54
20 AWG—10/30 Str.							
Nom. Insul. Thickness, .013"							
6033	3	6	.045	1.14	.365	9.27
6036	6	12	.045	1.14	.500	12.70
6039	9	18	.060	1.52	.615	15.62
6041	11	22	.060	1.52	.620	17.02
6042	12	24	.060	1.52	.690	17.52
6045	15	30	.060	1.52	.740	18.79
18 AWG—16/30 Str.							
Nom. Insul. Thickness, .016"							
6023	3	6	.045	1.14	.385	9.78
6024	6	12	.060	1.52	.565	14.35
6025	9	18	.060	1.52	.660	16.76
6026	12	24	.070	1.78	.725	18.42
6027	15	30	.070	1.78	.800	20.32

Note: Standard Put-Up - 100', 500' and 1000'.

ALPHA WIRE

Communication & Control Cable
Foil Shielded



Stranded tinned copper conductor. Color-coded polyethylene insulation. Shield aluminum/polyester tape, foil facing outward. Coverage 100%. Stranded linned copper drain wire. PVC jacket. Operating temperature -20°C to 60°C.

UL Listed. CSA Certified. PCC FT4. Passes UL Verical Tray Flame Test.

No.	No. Cond.	Cond. AWG	Cond. Strand	Jacket Thick. In.	Dia. In.	Drain Wire AWG	Drain Wire Strand
Insulation Thickness .016"							
2400C	2	24	7/32	.020	.16	24	7/32
2401C	2	22	7/30	.020	.17	22	7/30
2402C†	2	22	7/30	.020	.17	22	7/30
2403C†	3	22	7/30	.020	.18	22	7/30
2404C†	4	22	7/30	.020	.20	22	7/30
2411C	2	20	7/28	.020	.18	20	10/30
2412C	2	20	7/28	.020	.18	20	10/30
2413C	3	20	7/28	.020	.20	20	10/30
2414C	4	20	7/28	.020	.22	20	10/30
2421C	2	18	16/30	.020	.21	20	10/30
2422C	2	18	16/30	.020	.21	20	10/30
2423C	3	18	16/30	.020	.23	20	10/30
2424C	4	18	16/30	.020	.25	20	10/30
2432C	2	16	19/0.0117	.020	.24	18	16/30
2433C‡	3	16	19/0.0117	.020	.26	18	16/30
Insulation Thickness .020"							
2442C§	2	14	41/30	.030	.31	16	26/30
2444C§	2	12	65/30	.030	.34	14	41/30
2460C•	2	22	Solid	.018	.13	...	...
2461C†	2	22	7/30	.020	.13	...	...
2463C	4	...	...	.019	.23	24	...
2466C	2	...	...	.019	.16	24	...
2467C	4	...	...	.030	.34	24	...
1243/2C	2	...	...	.030	.20	22	7/30

*UL Type CM, AWM 2092, 2093 and 2094. CM=300V.

†100 ft. (30.5m), 500 ft. (152m), 1000 ft. (305m) put-ups.

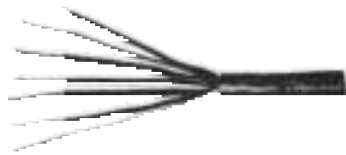
‡100 ft. (30.5m), 500 ft. (152m), 1000 ft. (305m), 1000 ft. (305m) boxed put-ups.

§UL Type CL2. CSA AWM II A, FT4. CL2=150V.

•100 ft. (30.5m), 500 ft. (152m), 1000 ft. (305m), 500 ft. (152m) boxed put-ups.

ALPHA WIRE

Communication & Control Cable
Multi-Conductor



80°C. 150V. 22 AWG. 7/30 stranded.

No.	UPC	Cond.	Nom. Jacket		Nom. OD	
No.	UPC	Cond.	In.	mm	In.	mm
1172	2	.032	.81	.164	4.17
1173	3	.032	.81	.169	4.29
1174	4	.032	.81	.194	4.93
1175	5	.032	.81	.199	5.05
1176	6	.032	.81	.209	5.31
1177	7	.032	.81	.214	5.44
1178	8	.032	.81	.224	5.69
1179	9	.032	.81	.249	6.32
1180	10	.032	.81	.259	6.58
1181	12	.032	.81	.279	7.09
1181/15	15	.032	.81	.304	7.72
1181/20	20	.032	.81	.324	8.23
1181/25	25	.032	.81	.364	9.25
1181/30	30	.032	.81	.379	9.63
1181/40	40	.032	.81	.439	11.15
1181/50	50	.035	.88	.500	12.70
1181/60	60	.035	.88	.530	13.46

Note: Available in C - Bare Copper; TC - Tinned Copper; SC - Silver Covered Copper; CW - Copper Covered Steel; PE - Solid Polyethylene.

PLENUM CABLE

UL

For remote control, signaling and power limited circuits that are not an integral part of a device or appliance. Communication systems, computer systems, background music. May be installed in air plenums and ducts without conduit. Stranded bare copper conductors Plencote insulated. Color coded; clear Plencote jacket. UL listed as Power Limited Circuit Cable for Class 2 Circuits and also classified as to fire and smoke characteristics only in accordance with NEC 725-2(B). California State Fire Marshal Approved.

No. Cond.	AWG	Nom. Insul. Thick.		Nom. Jkt. Thick.		Nom. OD
No. Cond.	AWG	In.	mm	In.	mm	In.
2	22 Str.	.010	.020	.020	.140	
4	22 Str.	.010	.020	.020	.160	
6	22 Str.	.010	.020	.020	.190	
8	22 Str.	.010	.020	.020	.205	
10	22 Str.	.010	.025	.020	.250	
2	18 Str.	.010	.020	.020	.176	
3	18 Str.	.010	.020	.020	.170	
4	18 Str.	.010	.020	.020	.205	
6	18 Str.	.010	.020	.020	.244	
8	18 Str.	.010	.025	.020	.275	
2	16 Str.	.010	.020	.020	.200	
4	16 Str.	.010	.020	.020	.230	
2	14 Str.	.013	.030	.030	.265	

Complete Information Available on Request.

EXTENSION CORDS

Heavy Duty Indoor/Outdoor



Stranded bare copper, 16-12 AWG per ASTM B-174. PVC jacket with -20°C - +60°C temperature range. Grounded wire constructions; 2 con-

ductor constructions polarized. Applications include drills, floor polishers, vacuum cleaners and sanders.

OSHA acceptable; UL Subject 817; UL Subject 62, SJTW-A, STW-A.

No.	UPC	No. Cond.	AWG	Cord Lgth. Ft.	Jacket Color
Grounded Plug SJTW-A Cord Type					
03318	03318	3	16	10	Orange
03319	.....	3	16	10	Black
03327	03327	3	16	25	Orange
03354	03354	3	16	50	Orange
03302	03302	3	16	100	Orange
03328	03328	3	14	25	Orange
03356	03356	3	14	50	Orange
03304	03304	3	14	100	Orange
06826	06826	3	12	25	Orange
06853	06853	3	12	50	Orange
06801	06801	3	12	100	Orange

STW-A Cord Type

55051	.....	3	12	50	Orange
55101	.....	3	12	100	Orange

EXTENSION CORDS

Outdoor/Indoor Powr-Center®



15A, 125V rating, except as otherwise indicated. Safety orange.

UL Listed.

No.	UPC	Cord Type	Lgth. Ft.	Ctn. Qty.	Wt. Lbs.
3 Grounded Outlets, 3 Conductor SJTW-A Type					
00690	00690	14/3 SJTW-A	10	12	18
00691	00691	14/3 SJTW-A	25	6	19
00692	00692	14/3 SJTW-A	50	4	21
00693*	00693	14/3 SJTW-A	100	2	20
00694	00694	12/3 SJTW-A	10	12	22
00695	00695	12/3 SJTW-A	25	4	17
00696	00696	12/3 SJTW-A	50	2	16
00697	00697	12/3 SJTW-A	100	2	30

3 Grounded Outlets, 3 Conductor STW-A Type

00591	00591	14/3 STW-A	25	4	19
00592	00592	14/3 STW-A	50	2	19
00593	00593	14/3 STW-A	100	2	35
00595	00595	12/3 STW-A	25	2	14
00596	00596	12/3 STW-A	50	2	25
00597	00597	12/3 STW-A	100	2	47

Powr-Center Adapter Cordset

00594	00594	12/3 STW-A	2	6	7
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*13A, 125V rating.

EXTENSION CORDS

All Weather Powr-Centers®



125V. Indoor/outdoor. Remain flexible at -58°F (-50°C) and +221°F (+105°C). Suitable for use with hand drills, chain saws, drill presses and sanders. Grounded 3 wire constructions; 2 wire constructions polarized.

Type SJEW-A UL Subject 62; UL Subject 817. OSHA acceptable.

No.	UPC	Power Rating Amps	Power Rating Watts	Cord Lgth. Ft.	Jacket Color	Ctn. Qty.
16 AWG — 2 Conductors						
03669	13	1625	15	Blue	24
03651	13	1625	25	Blue	24
03652	13	1625	50	Blue	12
03653	10	1250	100	Blue	6

16 AWG — 3 Conductors

03670	.....	13	1625	15	Blue	24
03654	.....	13	1625	25	Blue	24
03655	.....	13	1625	50	Blue	12
03656	.....	10	1250	100	Blue	4

14 AWG — 3 Conductors

03660	.....	15	1875	25	Blue	6
03661	.....	15	1875	50	Blue	4
03662	.....	13	1625	100	Blue	2

12 AWG — 3 Conductors

03667	.....	15	1875	50	Blue	2
03668	.....	15	1875	100	Blue	2
03687	.....	15	1875	50	Yellow	2
03688	.....	15	1875	100	Yellow	2

POWER SUPPLY CORDS

3-Conductor



125V. UL Listed. OSHA acceptable.

No.	UPC	Cord Type	Rating Amps	Lgth. Ft.	Ctn. Qty.
Black					
04916	.....	18/3 SJ	10	6	50
04919	.....	18/3 SJ	10	9	50
04926	04926	16/3 SJ	13	6	50
04929	04929	16/3 SJ	13	9	50
04932	04932	16/3 SJ	13	12	50

Gray

03330	.....	18/3 SVT	10	6	25
03331	.....	18/3 SVT	10	8	25
04936	04936	18/3 SJT	10	6	50
04939	04939	18/3 SJT	10	9	50
04946	04946	16/3 SJT	13	6	50
04949	04949	16/3 SJT	13	9	50

CORD SETS

Electric Range Cords



Heavy duty jacketed wire with molded-on plug. Heavy duty terminals crimped and swaged to conductors. 3-wire.

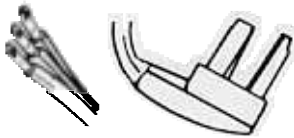
Lgth. In.	UPC	Wire Size	Ctn. Qty.
Gray Flat Parallel Plastic Jacketed—45A-250V			
36	2-#6, 1-#8	12
48	2-#6, 1-#8	12
54	2-#6, 1-#8	12
60	2-#6, 1-#8	6
72	2-#6, 1-#8	6
Gray Flat Parallel Plastic Jacketed—35A-250V			
36	2-#8, 1-#10	12
48	2-#8, 1-#10	12
60	2-#8, 1-#10	6
72	2-#8, 1-#10	6

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Lgth. In.	UPC	Wire Size	Ctn. Qty.
Gray Flat Parallel Rubber Jacketed—45A-250V			
36	2-#6, 1-#8	12
48	2-#6, 1-#8	12
60	2-#6, 1-#8	6
72	2-#6, 1-#8	6
120	2-#6, 1-#8	6
Gray Flat Parallel Rubber Jacketed—35A-250V			
36	2-#8, 1-#10	12
48	2-#8, 1-#10	12
60	2-#8, 1-#10	6
72	2-#8, 1-#10	6
Black Round Rubber Jacketed—45A-250V			
36	2-#6, 1-#8	12
54	2-#6, 1-#8	12
72	2-#6, 1-#8	6
Black Round Rubber Jacketed—35A-250V			
36	2-#8, 1-#10	12
54	2-#8, 1-#10	12
72	2-#8, 1-#10	6

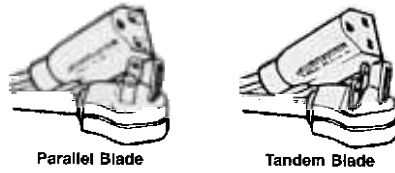
CORD SETS
Electric Dryer Cords



Heavy duty jacketed wire with molded-on plug, heavy duty terminals crimped and swaged to conductors. 3-wire, 25A-250V.

Wire Size	UPC	Lgth. In.	Wt. Lbs.	Ctn. Qty.
Gray Flat Parallel Plastic Jacketed				
3-#10	36	18	12
3-#10	48	21	12
3-#10	60	13	6
3-#10	72	15	6
Gray Parallel Rubber Jacketed				
3-#10	36	18	12
3-#10	48	21	12
3-#10	60	13	6
3-#10	72	15	6
3-#10	120	20	6
Black Round Rubber Jacketed				
3-#10	36	21	12
3-#10	54	27	12
3-#10	72	32	6

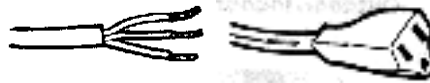
CORD SETS
Air Conditioner Extension Cords



Gray all vinyl construction with matching U-ground molded-on plug and connector, flat parallel. 3-conductor, single outlet, 15A-125V. Parallel or tandem.

Wire Size	UPC	Lgth. Ft.	Wt. Lbs.	Ctn. Qty.
14/3	3	17	36
14/3	6	16	24
14/3	9	23	24
14/3	12	16	12
14/3	15	18	12

LAUNDRY DROP CORDS



Lgth. In.	UPC	Wire Size	Type	Ctn. Qty.	Wt. Lbs.
30	16-3	SP	150	40

PULLING GRIPS



Light Duty



Junior

No.	Pass & Seymour	Woodhead	Cable Dia.	Rge. In.
033-03-001	PL-050-1	PL-050-1	.50-.61	

No.	Pass & Seymour	Woodhead	Cable Dia.	Rge. In.
Kellems				
033-03-002	PL-062-1	PL-062-1	.62-.74	
033-03-003	PL-075-1	PL-075-1	.75-.99	
033-03-004	PL-100-1	PL-100-1	1.00-1.24	
033-03-005	PL-125-1	PL-125-1	1.25-1.49	
033-03-006	PL-150-1	PL-150-1	1.50-1.74	
033-03-007	PL-175-1	PL-175-1	1.75-1.99	
033-03-008	PL-200-1	PL-200-1	2.00-2.49	
033-03-009	PL-250-1	PL-250-1	2.50-2.99	
Light Duty - Medium				
033-03-010	PL-050-2	PL-050-2	.50-.61	
033-03-011	PL-062-2	PL-062-2	.62-.74	
033-03-012	PL-075-2	PL-075-2	.75-.99	
033-03-013	PL-100-2	PL-100-2	1.00-1.24	
033-03-015	PL-125-2	PL-125-2	1.25-1.49	
033-03-016	PL-150-2	PL-150-2	1.50-1.99	
033-03-017	PL-175-2	PL-175-2	2.00-2.49	
033-03-018	PL-200-2	PL-200-2	2.50-2.99	
033-03-019	PL-250-2	PL-250-2	3.00-3.49	
Light Duty - Long				
033-03-022	PL-075-3	PL-075-3	.75-.99	
033-03-023	PL-100-3	PL-100-3	1.00-1.49	
033-03-024	PL-150-3	PL-150-3	1.50-1.99	
033-03-025	PL-200-3	PL-200-3	2.00-2.49	
033-03-026	PL-250-3	PL-250-3	2.50-2.99	
033-03-027	PL-300-3	PL-300-3	3.00-3.49	
033-03-028	PL-350-3	PL-350-3	3.50-4.00	
Junior				
033-05-001	PJ-25	PJ-25	.25-.36	
033-05-002	PJ-37	PJ-37	.37-.49	
033-05-003	PJ-50	PJ-50	.50-.61	
033-05-004	PJ-62	PJ-62	.62-.74	
033-05-005	PJ-75	PJ-75	.75-.99	
033-05-006	PJ-100	PJ-100	1.00-1.24	

BUS DROP GRIPS



No.	Pass & Seymour	Woodhead	Cable Dia.	Range In.
Kellems				
073-04-1276	FCSD4	36560	.22-.32	
073-04-1277	FCSD5	36562	.33-.38	
073-04-1277	FCSD6	36562	.39-.45	
073-04-1278	FCSD7	36564	.46-.51	
073-04-1278	FCSD8	36564	.52-.57	
073-04-1279	FCSD9	36567	.58-.63	
073-04-1279	FCSD10	36567	.64-.68	
073-04-1279	FCSD11	36567	.69-.76	
073-04-1280	FCSD12	36569	.77-.82	
073-04-1280	FCSD13	36569	.83-.87	
073-04-1281	FCSD14	36571	.88-.94	
073-04-1281	FCSD15	36571	.95-1.00	
073-04-1282	FCSD16	36574	1.01-1.06	
073-04-1282	FCSD17	36574	1.07-1.19	
073-04-1282	FCSD18	36574	1.20-1.25	

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