

Hookup and Lead Wire



GC Electronics Color Codes (x):

- | | | |
|----------|----------|--------------|
| 0-Grey | 4-White | 8-Yellow |
| 1-Black | 5-Violet | 9-Light Blue |
| 2-Brown | 6-Red | |
| 3-Orange | 7-Green | |



	25 ft	100 ft	Strand- ing	Insulation Thickness	Insulation Material	Nominal O.D.	Max. Rating	Amps Rating
26 Gage Stranded	14-426-1H1x	14-426-1H4x	7/34	0.01	Semi-Rigid PVC	.039	300V	4 Amps
26 Gage Solid	14-426-1K1x	14-426-1K4x	7/34	.009	Semi-Rigid PVC	.036	300V	4 Amps
24 Gage Stranded	14-424-1B1x	14-424-1B4x	7/32	.010	Semi-Rigid PVC	.044	300V	6 Amps
24 Gage Solid	14-424-1L1x	14-424-1L4x	7/32	.010	Semi-Rigid PVC	.040	300V	6 Amps
22 Gage Stranded	14-422-1C1x	14-422-1C4x	7/30	.010	Semi-Rigid PVC	.050	300V	8 Amps
22 Gage Solid	14-422-1M1x	14-422-1M4x	7/30	.010	Semi-Rigid PVC	.045	300V	8 Amps
20 Gage Stranded	14-420-1D1x	14-420-1D4x	7/28	.010	Semi-Rigid PVC	.058	300V	10 Amps
20 Gage Solid	14-420-1O1x	14-420-1O4x	7/28	.010	Semi-Rigid PVC	.052	300V	10 Amps
18 Gage Stranded	14-418-1E1x	14-418-1E4x	19/.0092	.010	Semi-Rigid PVC	.066	300V	15 Amps
18 Gage Solid	14-418-1P1x	14-418-1P4x	19/.0092	.010	Semi-Rigid PVC	.060	300V	15 Amps

22 Gage

Product Description:

Solid copper hookup wire with PVC insulation
UL listed 1007/1569
Supplied in 25 foot hanks

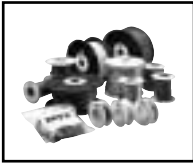
Philmore Color Codes (x):

- | | |
|----------|-----------|
| 11-black | 17-green |
| 14-white | 18-yellow |
| 16-red | |
- 76-5 pc kit, 1 of each of 5 colors



Part No.	Insulation Thickness	Insulation Material	Nominal O.D.	Max. Rating
12-22xx	.016" thick	PVC 105°C	.0626"	300-volts

Hook-Up Wire - NTE



Colors (xx)

- | | |
|-----------|-----------|
| 00-Black | 05-Green |
| 01-Brown | 06-Blue |
| 02-Red | 07-Violet |
| 03-Orange | 08-Gray |
| 04-Yellow | 09-White |

300 V Solid/Stranded
(WHS SERIES) - 90°C
PVC Insulation

Product Description: UL Style 1007; CSA TR-64/1569; Passes UL VW-1.S vertical flame test; OSHA acceptable: Stranded has tinned plated copper conductor
Applications: Internal wiring of electrical and electronic equipment; Internal wiring of panels, meters, computers, business machines, appliances & control panels; Point to point wiring where 300V required.

Solid	Stranded	Gauge	Spool Sizes	# Strands
WHS18-xx	WH18-xx	18	25', 100'	16
WHS20-xx	WH20-xx	20	25', 100'	10
WHS22-xx	WH22-xx	22	25', 100'	7
WHS24-xx	WH24-xx	24	25', 100'	7
WHS26-xx	WH26-xx	26	25', 100'	7

Automotive Wire
(WA SERIES) - 80°C
120 volts, PVC Insulation

Product Description: Used in all automotive and truck applications J1128 industry certification.

Part #	Gauge	Spool Sizes	# Strands
WA10-xx	10	10', 100'	-
WA12-xx	12	15', 100'	-
WA14-xx	14	20', 100'	-
WA16-xx	16	30', 100'	-
WA18-xx	18	40', 100'	-

600 V Stranded
(WH6 SERIES) -105°C
PVC Insulated

Product Description: Tinned plated copper conductor; UL Style 1015; CSA type TEW; UL VW-1.S Vertical Flame Test; OSHA acceptable Applications: Internal wiring of electrical, electronic equipment and machinery; Internal wiring of panels and meters Point to point wiring where 600V required.

Part #	Gauge	Spool Sizes	# Strands
WH610-xx	10	25', 100"	105
WH612-xx	12	25', 100"	65
WH614-xx	14	25', 100"	41
WH616-xx	16	25', 100"	26
WH618-xx	18	25', 100"	16

Teflon Hook-Up Wire
(WT SERIES) - 200°C
600 Volts, Teflon Insulation

Product Description: Applications: All hi-temp or hi-rel applications; Used in critical, high performance; military; commercial; racing Resistance to oils, alkalies, acids, flame and moisture; Meets Mil 16878/4 and Mil 22759/11 specs Silver plated copper conductor.

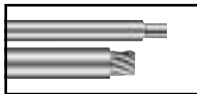
Part #	Gauge	Spool Sizes	# Strands
WT18-xx	18	25', 100"	19
WT20-xx	20	25', 100"	19
WT22-xx	22	25', 100"	19
WT24-xx	24	25', 100"	7
WT26-xx	26	25', 100"	7





Hook-Up Wire

PVC Insulation



Description
UL AWM Style/CSA Cert
 UL 1007/1569, CSA TR-64
 80°C/105°C, 300 Volt, Stranded
Product Description:
 Conductor: Solid or stranded
 tinned copper.

Insulation: Color-coded PVC.
 -40°C to 105°C - UL AWM 1569;
 -40°C to 90°C - CSA TR-64 ;
 -40°C to 80°C - UL AWM 1007
 Passes UL VW-1 Flame Test.



Description
UL AWM Style/CSA Cert
 MIL-W-16878E Type B
 105°C, 600 Volt

Product Description:
 Conductor: Stranded Tinned Copper.
Insulation:
 Color-Coded PVC
 -55°C TO 105°C.
 Passes VW-1 Flame Test.

Alpha Part No.	Conductor AWG	Strand	Insul. Thickness		Diameter		Stock Colors
			Inches	mm	Inches	mm	
3047	30	7/38	0.016	0, 41	0.043	1, 09	1-10
3048	28	7/36	0.016	0, 41	0.047	1, 19	1-10
3049	26	7/34	0.016	0, 41	0.051	1, 30	1-10
3050	24	7/32	0.016	0, 41	0.057	1, 45	1-19+28,30
3051	22	7/30	0.016	0, 41	0.065	1, 65	1-19+28,30
3053	20	10/30	0.016	0, 41	0.071	1, 80	1-19+28,30
3055	18	16/30	0.016	0, 41	0.080	2, 03	1-19+28,30
3057	16	26/30	0.016	0, 41	0.095	2, 41	1-19+28,30

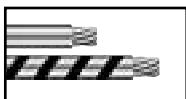
UL 1007/1569, CSA TR-64
 80°C/105°C, 300 Volt, Solid

3050/1	24	SOLID	0.016	0, 41	0.057	1, 45	1-10
3051/1	22	SOLID	0.016	0, 41	0.065	1, 65	1-10
3053/1	20	SOLID	0.016	0, 41	0.071	1, 80	1-10
3055/1	18	SOLID	0.016	0, 41	0.080	2, 03	1-10
3057/1	16	SOLID	0.016	0, 41	0.095	2, 41	1-10

UL 1015, CSA TEW-105
 105°C, 600 Volts

Product Description:
 Conductor: Stranded Tinned Copper.
Insulation: Color-Coded PVC.
 -20°C TO 105°C.
 Passes VW-1 Flame Test.

3070	24	7/32	0.032	0, 81	0.088	2, 24	1-10+28
3071	22	7/30	0.032	0, 81	0.094	2, 38	1-10+28,29
3073	20	10/30	0.032	0, 81	0.100	2, 54	1-10+28
3075	18	16/30	0.032	0, 81	0.112	2, 85	1-10+28,29
3077	16	26/30	0.032	0, 81	0.124	3, 14	1-10+28,29
3079	14	41/30	0.032	0, 81	0.134	3, 61	1-10+28,29
3080	12	65/30	0.032	0, 81	0.162	3, 93	1-4
3081	10	105/30	0.032	0, 81	0.180	4, 83	1-4



Description
UL AWM Style/CSA Cert
 MIL-W-76B TYPE MW
 80°C, 1000 Volt, Stranded

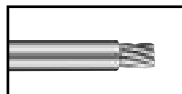
Product Description:
 Conductor: Solid or Stranded
 Tinned Copper.
Insulation: Color-Coded PVC
 -40°C TO 80°C.
 Passes VW-1 Flame Test.

Alpha Part No.	Type Designation	Conductor AWG	Strand	Insul. Thickness		Diameter		Stock Colors
				Inches	mm	Inches	mm	
1550	MW-C24(7)U	24	7/32	0.016	0, 41	0.059	1, 50	1-19
1551	MW-C22(7)U	22	7/30	0.016	0, 41	0.064	1, 63	1-19
1553	MW-C20 (10)U	20	10/30	0.016	0, 41	0.068	1, 72	1-19
1555	MW-C18 (16)U	18	16/30	0.016	0, 41	0.078	1, 98	1-19
1557	MW-C16 (26)U	16	26/30	0.016	0, 41	0.095	2, 41	1-19
1559	MW-C14 (41)U	14	41/30	0.016	0, 41	0.101	2, 56	1-10
1560	MW-C12 (65)U	12	65/30	0.016	0, 41	0.125	3, 18	1-10
1561/24	MW-C24(1)U	24	SOLID	0.016	0, 41	0.055	1, 40	1-6
1561	MW-C22(1)U	22	SOLID	0.016	0, 41	0.060	1, 52	1-6
1563	MW-C20(1)U	20	SOLID	0.016	0, 41	0.066	1, 68	1-6
1565	MW-C18 (1)U	18	SOLID	0.016	0, 41	0.074	1, 88	1-6

Alpha Part No.	Type Designation	Conductor AWG	Strand	Insul. Thickness		Diameter		Stock Colors
				Inches	mm	Inches	mm	
1850	B-32	32	7/40	0.010	0, 25	0.028	0, 71	1-6
1851	B-30	30	7/38	0.010	0, 25	0.032	0, 81	1-6
1852	B-28	28	7/36	0.010	0, 25	0.034	0, 86	1-10
1853	B-26	26	7/34	0.010	0, 25	0.038	0, 96	1-19
1854	B-24	24	7/32	0.010	0, 25	0.043	1, 09	1-19
1854/19	B-24	24	19/36	0.010	0, 25	0.043	1, 09	1-19
1855	B-22	22	7/30	0.010	0, 25	0.050	1, 27	1-19
1855/19	B-22	22	19/34	0.010	0, 25	0.050	1, 27	1-19
1856	B-20	20	7/28	0.010	0, 25	0.058	1, 47	1-19
1856/19	B-20	20	19/32	0.010	0, 25	0.058	1, 47	1-19
1857	B-18	18	7/26	0.010	0, 25	0.068	1, 73	1-19
1857/19	B-18	18	19/30	0.010	0, 25	0.068	1, 73	1-19
1858/19	B-16	16	19/29	0.010	0, 25	0.077	1, 96	1-19
1859/19	B-14	14	19/27	0.010	0, 25	0.091	2, 31	1-10

Irradiated PVC Insulation

Irradiated PVC Insulated Hook-Up Wire is exposed to controlled electron beam radiation which results in an insulation far superior to ordinary PVC. Irradiated PVC withstands higher temperatures than ordinary PVC. Because of its ability to resist solder iron heat, it is the ideal material to use where high reliability is essential and particularly valuable in the wiring of tight, high-density systems. Irradiated PVC insulation is tougher than ordinary PVC resulting in greatly improved abrasion and cut-through resistance.



Description
UL AWM Style/CSA Cert
 MIL-W-16878E TYPE B: 105°C,
 600 VOLT
 CSA AWM I A/B FT1: 105°C, 150 VOLT
 UL 1429:80°C, 150 VOLT

Operating Temperature:
 -55°C TO 105°C - UL AWM 1430;
 -55°C TO 105°C - UL AWM 3317
 -55°C TO 105°C - MIL-W-16878E
 -55°C TO 80°C - UL AWM 1429
Product Description:
 Conductor: Stranded tinned copper
 Insulation: Color-Coded Irradiated PVC (XLPVC)

Alpha Part No.	Conductor AWG	Strand	Insul. Thickness		Diameter		Stock Colors
			Inches	mm	Inches	mm	
7053	26	7/34	0.010	0, 25	0.040	1, 02	1-10
7054	24	7/32	0.010	0, 25	0.045	1, 14	1-10
7054/19	24	19/36	0.010	0, 25	0.045	1, 14	1-10
7055	22	7/30	0.010	0, 25	0.051	1, 30	1-10
7055/19	22	19/34	0.010	0, 25	0.052	1, 32	1-10
7056	20	7/28	0.010	0, 25	0.059	1, 50	1-10
7056/19	20	19/32	0.010	0, 25	0.060	1, 52	1-10
7057	18	7/26	0.010	0, 25	0.070	1, 78	1-10
7057/19	18	19/30	0.010	0, 25	0.070	1, 78	1-10
7058/19	16	19/29	0.010	0, 25	0.078	1, 98	1-10



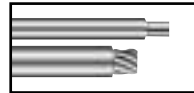
Bus Bar Wire



Description
UL AWM Style/CSA Cert.
MIL-W-3861 TYPE S
QQ-W-343 TYPE S

Product Description:
Conductor: Electrolytic soft drawn and annealed solid tin plated copper Inactive Military Specification

Alpha Part No.	Conductor AWG	Nom. Circular MIL Area, CM	Diameter	
			Inches	mm
299/3	30	100	0.01	0, 25
299/2	28	159	0.013	0, 33
299/1	26	253	0.016	0, 41
299	24	404	0.02	0, 51
298	22	640	0.025	0, 64
297	20	1020	0.032	0, 81
296	18	1620	0.04	1, 02
295	16	2580	0.051	1, 30
286	14	4110	0.064	1, 62
289	12	6530	0.081	2, 06

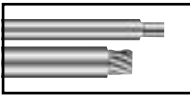


Description
UL AWM Style/CSA Cert.
MIL-W-16878E (TYPE E) UL 1213
200°C, 600 VOLT, Stranded Conductor

Alpha Part No.	Type Designation	Conductor AWG	Strand	Insul. Thickness		Diameter		Stock Colors
				Inches	mm	Inches	mm	
5851	E-30	30	7/38	0.010	0, 25	0.032	0, 81	1-10
5852	E-28	28	7/36	0.010	0, 25	0.036	0, 91	1-10
5853	E-26	26	7/34	0.010	0, 25	0.040	1, 02	1-10
5853/19	E-26	26	19/38	0.010	0, 25	0.041	1, 04	1-10
5854	E-24	24	19/36	0.010	0, 25	0.045	1, 14	1-10
5854/7	E-24	24	7/32	0.010	0, 25	0.044	1, 12	1-10
5855	E-22	22	19/34	0.010	0, 25	0.051	1, 30	1-10
5855/7	E-22	22	7/30	0.010	0, 25	0.055	1, 27	1-10
5856	E-20	20	19/32	0.010	0, 25	0.059	1, 50	1-10
5856/7	E-20	20	7/28	0.010	0, 25	0.058	1, 47	1-10
5857	E-18	18	19/30	0.010	0, 25	0.070	1, 78	1-10
5858	E-16	16	19/29	0.010	0, 25	0.077	1, 96	1-10

TFE Teflon Insulation

Alpha's TFE Teflon wire family includes a full range of sizes, colors, conductor types and voltage ratings for both commercial (UL styles) and high reliability military OEM products. Alpha's TFE Teflon is rated for continuous operation in temperatures from -60°C to 200°C and retains its exceptional toughness and flexibility within this range. TFE Teflon is not degraded by chemicals which makes it ideal for use in harsh environments. Teflon is widely regarded as the ultimate high performance wire insulation material for environments characterized by extreme thermal or chemical conditions.



Description
UL AWM Style/CSA Cert.
MIL-W-16878E (TYPE ET)
250 Volt, Stranded Conductor

Operating Temperature:
-60°C to 200°C

Product Description:

Conductor: Stranded or Solid Silver Plated Copper. **Insulation:** Color-Coded, Extruded, TFE Teflon® Choose TFE Teflon® for: Resistance to all chemicals, high temperature use up to 200°C, low coefficient of friction **Applications:** Military Harnessing, medical electronics, power supply lead wire, appliance wiring

MIL-W-1687E (TYPE E) UL 1213
200°C, 600 VOLT, Stranded Conductor
Not Military Approved.

5859	E-14	14	19/27	0.012	0, 30	0.094	2, 39	1
5859/12	E-12	12	19/25	0.012	0, 30	0.113	2, 87	1
5859/10	E-10	10	19/26	0.012	0, 30	0.134	3, 40	1

Description
UL AWM Style/CSA Cert.
MIL-W-1687E (TYPE E) UL 1213
200°C, 600 VOLT, Solid Conductor

Alpha Part No.	Conductor AWG	Insul. Thickness		Diameter		Stock Colors
		Inches	mm	Inches	mm	
2853/1	26	0.01	0, 25	0.036	0, 91	1-10
2854/1	24	0.01	0, 25	0.04	1, 02	1-10
2855/1	22	0.01	0, 25	0.045	1, 14	1-10
2856/1	20	0.01	0, 25	0.052	1, 32	1-3
2857/1	18	0.01	0, 25	0.06	1, 52	1-3

Alpha Part No.	Type Designation	Conductor AWG	Strand	Insul. Thickness		Diameter		Stock Colors
				Inches	mm	Inches	mm	
2840/7	ET-32	32	7/40	0.006	0, 15	0.021	0, 53	1-10
2841/7	ET-30	30	7/38	0.006	0, 15	0.024	0, 61	1-10
2842/7	ET-28	28	7/36	0.006	0, 15	0.027	0, 68	1-10
2842/19	ET-28	28	19/40	0.006	0, 15	0.027	0, 68	1-10
2843/7	ET-26	26	7/34	0.006	0, 15	0.031	0, 78	1-10
2843/19	ET-26	26	19/38	0.006	0, 15	0.032	0, 81	1-10
2844/7	ET-24	24	7/32	0.006	0, 15	0.036	0, 91	1-10
2844/19	ET-24	24	19/36	0.006	0, 15	0.037	0, 94	1-10
2845/7	ET-22	22	7/30	0.006	0, 15	0.042	1, 07	1-10
2845/19	ET-22	22	19/34	0.006	0, 15	0.044	1, 12	1-10

Description
UL AWM Style/CSA Cert.
MIL-W-16878E (TYPE ET)
200°C, 250 Volt, Solid Conductor

Alpha Part No.	Conductor AWG	Insul. Thickness		Diameter		Stock Colors
		Inches	mm	Inches	mm	
2841/1	30	0.006	0, 15	0.022	0, 55	1-10
2842/1	28	0.006	0, 15	0.025	0, 63	1-10
2843/1	26	0.006	0, 15	0.028	0, 71	1-10

Hook-Up Wire - Belden



UL and CSA Dual-Rated Wire
Style 1007 300V, 80°C, (CSA Type TR-64, 90°C)
Style 1569 300V, 105°C, (CSA Type TRSR-64, 105°C)
Product Description:
Tinned copper, PVC insulated. Rated 105°C, 300V Rated 600V peak for electronic circuits, and internal wiring of electronic and electrical equipment. Passes VW-1 Vertical Wire Flame Test

Belden Part No.	Standard Lengths		AWG (stranding)	Insulation Thickness		Nominal O.D.		Stock Colors
	ft.	m		Inch	mm	Inch	mm	
9928	100	30.5	28 (7x36)	0.015	0.38	0.047	1.19	1-5
	1000	304.8						7, 9
	5000	1524						10, 13
9926	100	30.5	26 (7x34)	0.015	0.38	0.051	1.3	1-5
	1000	304.8						7-10
	5000	1524						13
9923	100	30.5	24 (7x32)	0.015	0.38	0.056	1.42	1-5
	1000	304.8						7-10
	5000	1524						13



Hook-Up Wire - Belden



Description
UL AWM Style/CSA Cert.
UL and CSA Dual-Rated Wire

Belden Part No.	Standard Lengths		AWG (stranding)	Insulation Thickness		Nominal O.D.		Stock Colors
	ft.	m		Inch	mm	Inch	mm	
9921	100	30.5	22 (7x30)	0.015	0.38	0.062	1.57	1-5
	1000	304.8						7-10
	5000	1524						13
9919	100	30.5	20 (7x28)	0.015	0.38	0.069	1.75	1-5
	1000	304.8						7-10, 13
	5000	1524						
9920	100	30.5	20 (10x30)	0.015	0.38	0.067	1.7	1-5,
	1000	304.8						7-10, 13
	5000	1524						
9918	100	30.5	18 (16x30)	0.015	0.38	0.079	2.01	1-5
	1000	304.8						7-10
	5000	1524						13
9916	100	30.5	16 (26x30)	0.015	0.38	0.092	2.34	1-5
	1000	304.8						7-10
	5000	1524						13
9989	100	30.5	14 (41x30)	0.015	0.38	0.110	2.79	1-5
	1000	304.8						7-10, 13
	5000	1524						

Description
UL AWM Style/CSA Cert.
Style 1015 600V, 105°C
(CSA Type TEW)

Product Description:
Tinned copper, PVC insulated. Rated 105°C, 600V Rated 2500V peak for electronic circuits, and internal wiring of electronic and electrical equipment. Passes VW-1 Vertical Wire Flame Test

9924	100	30.5	24 (7x32)	0.03	0.76	0.088	2.24	1-5
	1000	304.8						9
	5000	1524						10, 13
8920	100	30.5	22 (7x30)	0.03	0.76	0.093	2.36	1-5
	1000	304.8						9, 10
	5000	1524						13
8919	100	30.5	20 (10x30)	0.03	0.76	0.1	2.54	1-5
	1000	304.8						9
	4000	1219.2						10, 13
8918	100	30.5	18 (16x30)	0.03	0.76	0.11	2.79	1-5
	1000	304.8						9
	4000	1219.2						10, 13
8915	100	30.5	18 (solid)	0.03	0.76	0.105	2.67	1-5
	1000	304.8						7-10, 13
	5000	1524						
8917	100	30.5	16 (26x30)	0.03	0.76	0.123	3.12	1-5,
	500	152.4						9,
	1000	304.8						10, 13
8916	100	30.5	14 (41x30)	0.03	0.76	0.138	3.51	1-5
	500	152.4						9, 10
	4000	1219.2						13, 189
9912	100	30.5	12 (65x30)	0.03	0.76	0.158	4.01	1-5
	250	76.2						9, 10
	2000	609.6						13
9910	100	30.5	10 (65x28)	0.03	0.76	0.18	4.57	2, 4
	250	76.2						9, 10
	500	152.4						
8910	500	152.4	10(105x30)	0.03	0.76	0.186	4.72	1-5,
	2000	609.6						7-10, 13

Description
UL AWM Style/CSA Cert.
Style 1061 300V, 80°C
(CSA AWM)

Product Description:
Tinned copper, semi-rigid PVC insulated (solid conductors suitable for wire wrap applications).

Belden Part No.	Standard Lengths		AWG (stranding)	Insulation Thickness		Nominal O.D.		Stock Colors
	ft.	m		Inch	mm	Inch	mm	
9978	100	30.5	30 (solid)	0.01	0.25	0.03	0.76	1-5,
	1000	304.8						7-10, 13
9987	100	30.5	30 (7x38)	0.01	0.25	0.032	0.81	2, 7-10
	1000	304.8						13
9977	100	30.5	28 (solid)	0.01	0.25	0.033	0.84	1-5,
	1000	304.8						7-10, 13
9986	100	30.5	28 (7x36)	0.01	0.25	0.035	0.89	1-5
	1000	304.8						8-10
	5000	1524						13
	10000	3048						
9976	100	30.5	26 (solid)	0.01	0.25	0.036	0.91	1-5
	1000	304.8						7-10, 13
9985	100	30.5	26 (7x34)	0.01	0.25	0.039	0.99	1-5,
	1000	304.8						7-10
	5000	1524						13
	10000	3048						
9975	100	30.5	24 (solid)	0.01	0.25	0.04	1.02	1-5
	1000	304.8						7-10
	5000	1524						13
	10000	3048						

Description
UL AWM Style/CSA Cert.
Style 1061 300V, 80°C
(CSA AWM)

Product Description:
Tinned copper, semi-rigid PVC insulated.

9984	100	30.5	24 (7x32)	0.01	0.25	0.044	1.12	1-5
	1000	304.8						7-10
	5000	1524						13
	10000	3048						
9979	1000	304.8	22 (solid)	0.01	0.254	0.047	1.194	1-5
	5000	1524						7-10
	10000	3048						13
9983	100	30.5	22 (7x30)	0.01	0.25	0.05	1.27	1-5
	1000	304.8						7-10
	5000	1524						13
	10000	3048						
9982	100	30.5	20 (7x28)	0.01	0.25	0.057	1.45	1-5
	1000	304.8						7-10
	5000	1524						13
9917	1000	304.8	20 (10x30)	0.01	0.254	0.056	1.422	1-5
	5000	1524						7-10, 13
9911	1000	1000	18 (16x30)	0.01	0.254	0.067	1.702	1-5
	5000	5000						7-10, 13
9980	100	30.5	16 (19x28)	0.01	0.25	0.078	1.98	1-5,
	1000	304.8						7-10





Hook-Up Wire/Multiconductor

Belden Hook-Up Wire

Description
UL AWM Style/CSA Cert
Type MW-MIL-W-76C-PVC
1000V, 80°C

Product Description:
Tinned copper, PVC insulated, medium wall.
The extruded PVC insulation is flame and ozone resistant and inert to most chemicals, oils, and solvents.

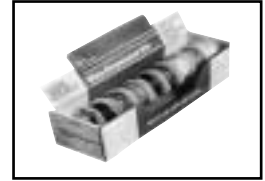
Belden Part No.	Standard Lengths		AWG (stranding)	Insulation Thickness		Nominal O.D.		Stock Colors
	ft.	m		Inch	mm	Inch	mm	
8538	100	30.5	24 (solid) MW-C24 (1) A	0.017	0.43	0.055	1.4	1-13
	1000	304.8						
8525	100	30.5	24 (7x32) MW-C24 (7) A	0.017	0.43	0.058	1.47	1-22
	1000	304.8						
8530	25	7.6	22 (solid) MW-C22 (1) A	0.017	0.43	0.059	1.5	1-13
	100	30.5						
8524	100	30.5	22 (7x30) MW-C22 (7) A	0.017	0.43	0.064	1.63	1-13(25) 1-30(100) 1-30(1000)
	1000	304.8						
8529	25	7.6	20 (solid) MW-C20 (1) A	0.017	0.43	0.066	1.68	1-10, 12, 13
	100	30.5						
8523	25	7.6	20 (10x30) MW-C20 (10) A	0.017	0.43	0.07	1.78	1-10,12, 13(25)1-27, 29,30(100) 1-24, 29,30(1000)
	100	30.5						
8522	25	7.6	18 (16x30) MW-C18 (16) A	0.017	0.43	0.08	2.03	1-13(25) 1-30(100) 1-30(1000)
	100	30.5						
8521	100	30.5	16 (26x30) MW-C16 (26) A	0.019	0.48	0.098	2.49	1-22
	1000	304.8						
8520	100	30.5	14 (41x30) MW-C14 (41) A	0.018	0.46	0.111	2.82	1-11, 13-16,18 19,22 (100) 1-11, 13-22 (1000)
	1000	304.8						
8527	100	30.5	12 (65x30) MW-C12 (65) A	0.018	0.46	0.128	3.25	1-7, 9, 10 (100) 1-10(1000)
	1000	304.8						

Description
UL AWM Style/CSA Cert
(TYPE B) MIL-W-16878/1-PVC 600V, 105°C

Product Description: Tinned copper, PVC insulated
Covers insulated wire for internal wiring of meters, panels, and electrical or electronic equipment.

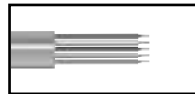
8597	100	30.5	28 (7x36) B-28	0.01	0.25	0.035	0.89	1-10
	1000	304.8						
8505	100	30.5	26 (7x34) B-26	0.01	0.25	0.039	0.99	1-10 14-22
	1000	304.8						
8504	100	30.5	24 (7x32) B-24	0.01	0.25	0.044	1.12	1-10, 14-22
	1000	304.8						
8503	100	30.5	22 (7x30) B-22	0.01	0.25	0.05	1.27	1-10 14-22
	1000	304.8						
8502	100	30.5	20 (7x28) B-20	0.01	0.25	0.058	1.47	1-10 14-16 18-20
	1000	304.8						
8501	100	30.5	18 (7x26) B-18	0.01	0.25	0.068	1.73	1-10 14-22
	1000	304.8						
8500	100	30.5	16 (19x29) B-16	0.01	0.25	0.079	2.01	1-10 14-22
	1000	304.8						

Kits - Hookup Wire on Racks



Belden Part No.	No. of Spools	Spool Lengths		Type of Wire	Colors in Kit
		ft.	m		
8816	8	25	7.6	18 (16x30) Tinned PVC (8522-25)	1, 2, 3, 4, 5, 6, 9, 10
8824	8	25	7.6	20 (10x30) Tinned PVC (8523-25)	1, 2, 3, 4, 5, 6, 9, 10
8825	5	100	30.5	20 (7x28) Tinned PVC (8502-100)	2, 4, 5, 9, 10
9531	5	100	30.5	22 (7x30) Tinned PVC (8524-100)	2, 5, 6, 9, 10

Multiconductor, Unshielded - Alpha



Description
UL AWM Style
22 AWG (0, 35mm)
7/30 (7X0, 25mm)

Product Description: Conductor: Stranded Tinned Copper; -20°C TO 80°C - AWM, 75°C - CM **Voltage Rating:** 150 Volt - AWM, 300 Volt-CM
Insulation: Color-Coded PVC; **Jacket:** PV; UL Type CM, AWM 2576; CSA PCC FT4 ; Passes UL Vertical Tray Flame Test

Alpha Part No.	No. of Cond	Insulation Thickness		Jacket Thickness		Diameter	
		Inches	mm	Inches	mm	Inches	mm
1172C	2	0.010	0.25	0.032	0.81	0.16	4.1
1173C	3	0.010	0.25	0.032	0.81	0.17	4.3
1174C	4	0.010	0.25	0.032	0.81	0.19	4.8
1175C	5	0.010	0.25	0.032	0.81	0.2	5.1
1176C	6	0.010	0.25	0.032	0.81	0.21	5.3
1177C	7	0.010	0.25	0.032	0.81	0.21	5.3
1178C	8	0.010	0.25	0.032	0.81	0.22	5.6
1179C	9	0.010	0.25	0.032	0.81	0.25	6.3
1180C	10	0.010	0.25	0.032	0.81	0.26	6.6
1181C	12	0.010	0.25	0.032	0.81	0.28	7.1

Description
UL AWM Style
20 AWG (0,51 mm)
7/28 (10X0, 25mm)

Product Description: Conductor: Stranded Tinned Copper **Insulation:** Color-Coded PVC **Jacket:** PVC **Voltage Rating:** 150 Volt - AWM 2576, 300 Volt - CM, AWM 2509 **Operating Temperature:** -20°C to 80°C - AWM, 75°C - CM

1895C	2	0.016	0.41	0.02	0.50	0.18	4.6
1896C	3	0.016	0.41	0.02	0.50	0.19	4.8
1896/4C	4	0.016	0.41	0.02	0.50	0.21	5.3
1896/5C	5	0.016	0.41	0.02	0.50	0.23	5.9
1896/6C	6	0.016	0.41	0.02	0.50	0.25	6.5
1896/7C	7	0.016	0.41	0.02	0.50	0.25	6.5
1896/8C	8	0.016	0.41	0.02	0.50	0.27	6.9
1896/9C	9	0.016	0.41	0.02	0.50	0.3	7.6
1896/10C	10	0.016	0.41	0.02	0.50	0.33	8.5
1896/12C	12	0.016	0.41	0.02	0.50	0.35	8.9
1896/15C	15	0.016	0.41	0.03	0.76	0.39	10.0



EDGE