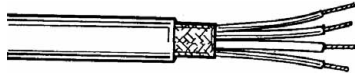


**MULTICONDUCTOR BRAID SHIELDED CABLE WITH PVC JACKET**



- 20°C to 80°C, 200V
- Stranded tinned copper conductor
- Color-coded PVC insulation with clear PVC jacket
- Braided tinned copper shield
- Insulation thickness 0.010"



28 AWG, 7 x 36 STRANDED

No. of Cond.	Nom. O.D. (in.)	Mfg. Part No.	100' Spool		Mfg. Part No.	1000' Spool	
			Stock No.	Price per Spool		Stock No.	Price per Spool
2	0.115	1120 CL005	27M2950	272.57	1120 CL001	02F9784	1415.28
3	0.120	1121 CL005	02F9785	363.25	1121 CL001	02F9787	1669.45
4	0.130	1122 CL005	02F9788	457.30	...	...	...

(6133)

**LOW-SMOKE, ZERO-HALOGEN (LSZH) SHIPBOARD AUDIO/VIDEO CABLE**



- Delivers high-end A/V quality
- American Bureau of Shipping (ABS) approval for use in demanding marine applications
- Ideal for private yachts and commercial ships
- Fast, easy installation — no special installing techniques or equipment required
- Exclusive 10-year manufacturer's warranty



LSZH series shipboard A/V cable is designed to implement a wide range of shipboard audio, video, multimedia, security, networking and control applications. All types feature copper conductors, black, low-smoke, zero-halogen (LSZH) jackets, and are fully-compliant with industry and global environmental standards including IEC 45 and applicable sections of IEC 60092-376 for low-smoke and zero-halogen. **Sold in 1000' spools.**

**BRILLIANCE® AUDIO, CONTROL AND INSTRUMENTATION MULTICONDUCTOR PAIRED CABLE**  
Single- and multi-pair cable features tinned-copper conductors and Beldfoil® shielding — **mfg. part no. 9451SB** has 100% overall shield and **mfg. part nos. 8723SB** and **8777SB** have individually shielded pairs. **Mfg. part no. 1502SB** multimedia control cable has Beldfoil® shielded data pair and unshielded power pair.

Mfg. Part No.	No. of Pairs	AWG (Stranding)	Nom. O.D. (In.)	Stock No.	Price per Spool
9451SB 0101000	1	22 (7 x 30)	0.16	66K6060	295.76
8723SB 0101000	2	22 (7 x 30)	0.196	66K6057	521.55
8777SB 0101000	3	22 (7 x 30)	0.273	66K6058	792.92
1502SB 0101000	2	22 (7 x 30) Data 18 (16 x 30) Power	0.255	30M7012	589.01

**AES/EBU DIGITAL AUDIO CABLE**

Tinned-copper conductors, twisted pair with 100% overall Beldfoil® shield.

1350SB 0101000	1	24 (7 x 32)	0.179	18M1295	407.82
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**HIGH-STRAND SPEAKER CABLE**

Ideal for unshielded audio and control applications that demand high-flex and high-purity, this cable features tinned-copper conductors.

Mfg. Part No.	No. of Cond.	AWG (Stranding)	Nom. O.D. (In.)	Stock No.	Price per Spool
1314SB 0101000	2	14 (41 x 30)	0.3	30M6944	433.04
1315SB 0101000	4	14 (41 x 30)	0.339	30M6945	808.12
1316SB 0101000	2	12 (65 x 30)	0.34	30M6946	631.10
1317SB 0101000	4	12 (65 x 30)	0.388	30M6947	1079.49

**BRILLIANCE® COAXIAL CABLE**

**Mfg. part no. 9116SB** broadband CATV 75-ohm coax features copper-covered steel conductor and Duobond® II shield with aluminum braid. **Mfg. part no. 7810SB** low-loss 50-ohm wireless RF transmission coax features copper-covered aluminum conductor and Duobond® II shield with tinned-copper braid. **Mfg. part nos. 1694SB** and **7731SB** low-loss, 75-ohm precision video coax for analog and digital applications feature bare copper conductor and Duofoil® shield with tinned-copper braid.

Mfg. Part No.	RG/U	AWG (Stranding)	Nom. O.D. (In.)	Stock No.	Price per Spool
9116SB 0101000	Series 6	18 (Solid)	0.274	66K6059	279.90
7810SB 0101000	8	10 (Solid)	0.405	30M7507	1198.90
1694SB 0101000	6	18 (Solid)	0.274	66K6049	608.05
7731SB 0101000	11	14 (Solid)	0.4	30M7503	1493.15

**DATATWIST® CAT 5e AND 6 TWISTED NONBONDED-PAIRED CABLE**

**Mfg. part no. 1300SB** features bare-copper conductors with overall Beldfoil® shield and is rated TIA/EIA-568-B.2, Category 5e ScTP and RJ-45 compatible. **Mfg. part no. 1318SB** features unshielded bare-copper conductors and is rated TIA/EIA-568-B.2, Category 5e UTP. **Mfg. part no. 1319SB** features unshielded bare-copper conductors with central rod filler and is rated TIA/EIA-568-B.2.1, Category 6 UTP.

Mfg. Part No.	No. of Pairs	AWG (Stranding)	Nom. O.D. (In.)	Stock No.	Price per Spool
1300SB 0101000	4	24 (Solid)	0.26	66K6046	472.95
1318SB 0101000	4	24 (Solid)	0.291	30M6948	515.70
1319SB 0101000	4	23 (Solid)	0.291	30M6949	536.91

**NEW GENERATION® CIRCUIT INTEGRITY (CI) FIRE/ALARM CABLE**

**Mfg. part nos. 1320SB** and **1321SB** feature bare-copper twist-pair conductors with 100% overall Beldfoil® shield.

Mfg. Part No.	No. of Cond.	AWG (Stranding)	Nom. O.D. (In.)	Stock No.	Price per Spool
1320SB 0101000	2	18 (Solid)	0.314	30M6950	1443.05
1321SB 0101000	2	16 (Solid)	0.337	30M6951	1644.95

**CLASSIC-DESIGN SECURITY COMPOSITE CABLE**

**Mfg. part no. 1306SB** is ideal for audio or pan/tilt/zoom CCTV control applications. Features bare-copper conductors — one RG6 coax with copper braid shield plus unshielded twisted-pair in Siamese construction.

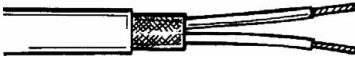
1306SB 0101000	3	18 Coax/18 Pr (7)	0.275 x 0.514	66K6047	1444.55
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(90493)

**MULTICONDUCTOR BRAID SHIELDED MICROPHONE CABLE**



- Braided or spiral wrapped tinned copper shield
- Polyethylene insulation
- Clear polyester wrap (multiconductor only)
- Gray PVC jacket
- Operating temperature: -20°C to 60°C



Stranded tinned copper conductor except for **mfg. part no. 1702** that has 3 strands of tinned copper and 4 strands of tinned copperweld.

**100' SPOOLS**

Mfg. Part No.	No. of Cond.	AWG (Standing)	Voit. Rtnng.	Nom. O.D. (In.)	Stock No.	Price per Spool
1702 SL005†	1	26 (7 x 34)	1000	0.11	88K1348	172.61
1703 SL005†	1	24 (10 x 34)	3500	0.15	02F8793	83.26
1705 SL005†	1	24 (10 x 34)	1000	0.11	02F8799	132.31
1706 SL005†	1	20 (26 x 34)	4000	0.18	02F8802	243.01
1709 SL005+	2	24 (10 x 34)	1000	0.19	02F8805	237.40
1710 SL005+	2	22 (19 x 34)	1000	0.23	02F8808	138.96
1712 SL005+	2	20 (26 x 34)	600	0.24	02F8974	230.01

**1000' SPOOLS**

Mfg. Part No.	No. of Cond.	AWG (Standing)	Voit. Rtnng.	Nom. O.D. (In.)	Stock No.	Price per Spool
1702 SL001*†	1	26 (7 x 34)	1000	0.11	02F8792	621.03
1703 SL001†	1	24 (10 x 34)	3500	0.15	02F8795	668.44
1705 SL001*†	1	24 (10 x 34)	1000	0.11	02F8801	761.56
1706 SL001†	1	20 (26 x 34)	4000	0.18	02F8804	1273.10
1709 SL001+	2	24 (10 x 34)	1000	0.19	02F8807	1244.49
1710 SL001+	2	22 (19 x 34)	1000	0.23	85K9623	938.56
1712 SL001+	2	20 (26 x 34)	600	0.24	02F8976	1205.03

\*Spiral wrapped shield; †All low impedance microphones; ††All high performance microphones (6132)

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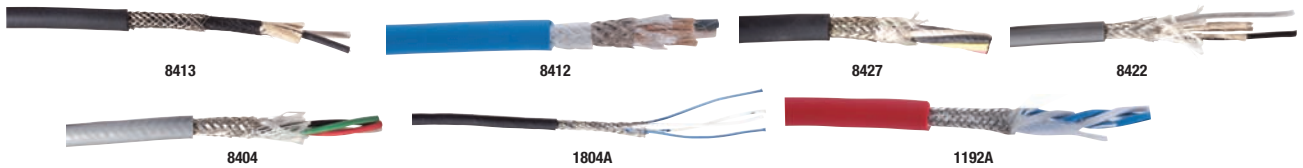
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(148834)

AUDIO/VIDEO/SPEAKER CABLE

BRILLIANCE® PROFESSIONAL MUSIC/MICROPHONE CABLE



Designed for flexibility, service and reliable signal transmission at audio frequencies. Shielded single-conductor cable is used in high-impedance systems and multiconductor cable is used in low impedance applications. Rubber jacketed cable is recommended for abrasion and impact resistance offering extra limpness so cable lies flat. Neoprene and Hypalon® jacketed cable are recommended for outside use, cold weather applications. Sun-, oil-, and-ozone resistant. PVC jacketed cable is recommended for lower capacitance, lower loss, and is lighter weight, smaller in diameter and ozone- and oil-resistant. **Mfg. part nos. 8413, 8406** tinned cadmium bronze conductors, rubber insulated and tinned copper braid shield. **Mfg. part nos. 8402, 8407, 8408, 8412, 8418, 8423-27** tinned copper conductors, rubber insulated, rayon and tinned copper braid shields. **Mfg. part no. 8428** tinned copper conductors, rubber insulated, tinned copper spiral and low noise conductive textile shields. **Mfg. part no. 1172A** is polyethylene insulated with French braid

95% shield coverage. **Mfg. part no. 1192A** Belden microphone cable is used for connecting low level microphones or musical instruments. Key properties of microphone (MIC) cable are ruggedness, flexibility, flex life and interference immunity. MIC cable constructions utilize either 1, 2, 3 or 4 conductor configurations. Cable selection depends on whether the MIC or instrument is of a high or low impedance design. High impedance MICs require unbalanced single conductor (coaxial) cables while low impedance MICs utilize balanced 2, 3 or 4 conductor (quad) designs. Quad MIC cables are connected by attaching the 2 white conductors to 1 pin and 2 blue conductors to the other pin in a balanced-line XLR type connector. Besides the common-mode rejection of a standard balanced line, that gives common-mode rejection at each pin, greatly reducing noise and interference. **Sold in spool sizes indicated in table below.** 1000' spools are also available; *go online or call.*

No. of Cond.	AWG (Stranding)	Jacket	Nom. Cap. (pF/ft.)	Mfg. Part No.	100' Spool		Mfg. Part No.	500' Spool	
					Stock No.	Price per Spool		Stock No.	Price per Spool
2	24 (45 x 40)	Rubber	30.00	8413 010100	02F4038	162.43	8413 010U500	02F4044	670.12
3	24 (45 x 40)		30.00	● 8406 010100	20M4459	305.55	● 8406-500-10	02F4310	1372.01
2	20 (26 x 34)		30.00	● 8412 010100	87K6280	141.12	● 8412 010U500	02F3992	586.35
3	20 (26 x 34)		30.00	● 8423 010100	02F3994	262.30	● 8423 010500	02F3996	1040.08
4	20 (26 x 34)		27.00	● 8424 010100	02F3998	246.68	● 8424 010500	87K7176	1088.83
5	20 (26 x 34)		30.00	● 8425 010100	02F4003	406.10	...	...	...
6	20 (26 x 34)		30.00	● 8426 010100	02F4005	459.77	...	...	...
7	20 (26 x 34)		30.00	● 8427 010100	02F4007	519.56	...	...	...
8	20 (26 x 34)	30.00	● 8418 010100	02F4012	644.51	...	...	...	
2	18 (41 x 34)	Neoprene	35.00	● 8428 010100	02F4009	274.34	● 8428 010500	02F4010	1174.45
4	16 (65 x 34)		66.00	● 8407 010100	87K7174	496.40	...	...	...
2	20 (26 x 34)	DuPont	30.00	...	...	...	● 8402 001500	15B3306	1182.02
2	16 (65 x 34)	Hypalon®	30.00	...	...	...	● 8408 001500	02F6171	1869.30
4	28 (19 x 40)		40.00	1804A J5C100	04F6697	156.90	1804A J5C500	04F6698	698.46
4	24 (42 x 40)	PVC	39.20	● 1192A B59100	90B3875	174.12	● 1192A B59500	93B6213	659.13
2	24 (19 x 36)		30.00	...	...	...	● 9452 010U500	03F1661	266.47
2	22 (16 x 34)		18.00	...	...	...	● 8422 060500	15B3318	513.57
3	20 (19 x 32)		25.00	...	...	...	● 8403 060500	15B3308	1023.09
4	20 (19 x 32)		49.00	● 8404 060100	87K7172	258.25	● 8404 060500	02F4036	1056.53
4	20 (19 x 32)		...	...	...	...	...	...	...

(6156)

STEREO DUAL-CHANNEL AUDIO, CONTROL AND INSTRUMENTATION CABLE



PVC jackets in zip-cord construction are extruded together in a single cable that can be separated. Overall 100% Beldfoil® shielded dual twisted pair. **Mfg. part no. 1504A** PVC and **mfg. part no. 9451D** polyolefin insulated stranded tinned copper conductors.



22 AWG STRANDED (19x34), 4 CONDUCTORS, SHIELDED

Mfg. Part No.	No. of Pairs	Nom. O.D. (In.)	Nom. Cap. (pF)	Spool Size (Ft.)	Stock No.	Price per Spool
● 1504A J77U1000	2	0.143 x 0.286	57	1000	25C1593	400.97

22 AWG STRANDED (7X30), 4 CONDUCTORS, SHIELDED

Mfg. Part No.	No. of Pairs	Nom. O.D. (In.)	Nom. Cap. (pF)	Spool Size (Ft.)	Stock No.	Price per Spool
● 9451D A5QU1000	2	0.135 x 0.270	34	1000	87K1889	450.90

(6044)

TWO-CONDUCTOR AUDIO SPEAKER CABLE



PARALLEL ZIP CONSTRUCTION

This parallel zip constructed speaker cable features two high-conductivity copper conductors, one tinned, one bare. **Mfg. part nos. 8782 and 8649** have a chrome PVC outer jacket; **mfg. part nos. 9708 and 9718** a clear transparent outer jacket.

AWG (Stranding)	Nom. O.D. (in.)	Mfg. Part No.	500' Spool		1000' Spool		
			Stock No	Price per Spool	Mfg. Part No.	Stock No	Price per Spool
24 (7x32)	.058 x .116	...	...	...	● 8782 060U1000	87K6340	118.24
20 (7x28)	.073 x .146	...	...	...	● 8649 0601000	87K1785	230.63
18 (16x30)	.11 x .22	● 9708 368U500	02F4112	183.75	● 9708 368U1000	02F4113	348.70
12 (65x30)	.185 x .37	● 9718 368500	04F8982	740.96	...	...	...

CABLED, OPEN TWISTED CONSTRUCTION

This unjacketed speaker cable features two high-conductivity tinned copper conductors, except **mfg. part no. 9151** one tinned and one bare, each PVC insulated.

AWG (Stranding)	Nom. O.D. (in.)	Mfg. Part No.	Stock No	Price per Spool
22 (7x30)	.105	...	...	...
18 (7x26)	.18	...	...	...
16 (19x29)	.21	...	...	...
16 (19x29)	.21	...	...	...

(6158)

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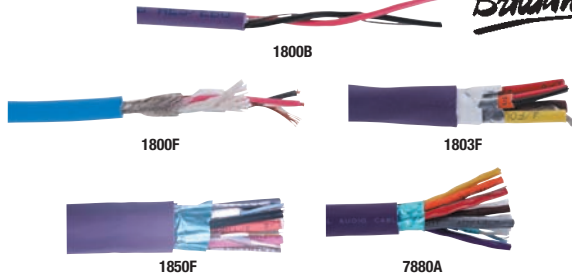


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(148883)

AUDIO/VIDEO/SPEAKER CABLE

**BRILLIANCE® AES/EBU DIGITAL AUDIO CABLE**



Digital audio cables meet the latest AES/EBU standards for digital audio applications and provide unsurpassed performance for traditional analog audio applications. These cables utilize Datalene® premium grade high-density insulation for exceptional crush resistance and less susceptibility to damage from cable pulling or flexing. **mfg. part no. 1801B** has foam FEP insulation. Conductors are stranded tinned copper, except **mfg. part nos 1800F and 1801B** are stranded bare copper. Single pair cables and multipair snake cables are overall Belfoil® shielded, and pairs are individually shielded. Impedance: 110Ω. Jacket material is gray PVC, except **mfg. part no. 1801B**, which is natural Flamarrest®. Additional jacket colors are available; *go online or call.*

26 AWG (7 x 34)

\*High-flex version; +NEC CL2R; † Plenum rated

Mfg. Part No.	No. of Pairs	Outer Diameter (in.)	500' Spool		1000' Spool	
			Stock No.	Price per Spool	Stock No.	Price per Spool
● 7891A	2	0.343	06M3996	702.51	87K1513	1333.17
● 7890A	4	0.399	87K1512	1017.46	87K1510	1930.86
● 7880A	8	0.541	06M3995	1835.33	19C5081	3482.96

24 AWG (7 x 32)

● 1800B	1	0.18	88F5683	221.94	87K1149	421.18
● 1800F*	1	0.211	95B0613	573.41	06C0437	1088.18
● 1801B†	1	0.165	19C3052	527.83	19C3049	989.67

22 AWG (7 x 30)

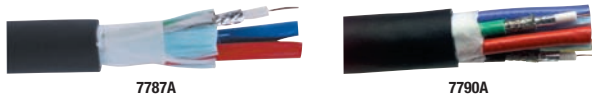
● 1696A*	1	0.234	04F6709	446.43	04F6710	844.86
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22 AWG (7 x 32)

● 1803F*	4	0.485	19C1680	1235.70	12C2143	2345.02
● 1805F*	8	0.661	19C3056	2083.93	29M7218	3954.73
● 1806F*	12	0.829	19C3060	3629.65	29M7219	6888.09
● 1850F*	16	0.944	19C1684	4895.71	19C1682	9290.72
● 1852F*	24	1.205	19C1688	7817.84	19C1686	14836.12
● 1854F*	32	1.346	...	...	19C1690	14673.79

(59979)

**VIDEOFLEX® BUNDLED SNAKE CABLE**



75Ω multi-channel audio/video snake cable is a bundled versions of **mfg. part nos 1505A and 1855A** Brilliance® video cable, specifically designed for precision digital applications. Ideal for serial digital video, component video (RGB), analog or digital unbalance mode audio (AES/EBU), computer CAD/CAM, high-end computer graphics and animation, live television broadcast, and field and mobile television. Features high-density polyethylene insulation, Duofoil® plus tinned-copper braid shield with 100% coverage, and high-flex PVC jacket. Solid stranding. Each coax individually color-coded. Solid-copper conductor. UL listed, CSA certified. *Additional bundled cable available; go online or call. Sold in spools of 500' and 1000'.*

23 AWG, MINI - 1855A BUNDLED, 16.50pF/ft. NOM. CAP.

Mfg. Part No.	No. of Cond.	No. of Coax.	Nom. O.D. (in.)	500' Spool		1000' Spool	
				Stock No.	Price per Spool	Stock No.	Price per Spool
● 7787A	3	3	0.432	90B6958	1184.31	90B6975	2247.49
● 7788A	4	4	0.481	...	...	90B6985	2563.45
● 7789A	5	5	0.539	02M0635	1775.84	87K1500	3370.06
● 7790A	6	6	0.597	95B5104	2233.00	95B5103	4237.63
● 7792A	12	12	0.825	95B5106	4314.47	95B5105	8187.68

20 AWG RG-59 - 1505A BUNDLED, 16.30pF/ft. NOM. CAP.

Mfg. Part No.	No. of Cond.	No. of Coax.	Nom. O.D. (in.)	500' Spool		1000' Spool	
				Stock No.	Price per Spool	Stock No.	Price per Spool
● 7794A	3	3	0.631	95B5108	1734.31	95B5107	3291.24
● 7795A	4	4	0.706	95B5110	1730.44	95B5109	3687.20
● 7796A	5	5	0.79	95B5112	2640.88	87K1501	5011.67
● 7798A	10	10	1.166	95B5114	5074.96	95B5113	9630.89

(52177)

**BRILLIANCE® CMR RATED AUDIO SNAKE CABLE**



1814R

Snake cable specially designed for the broadcast industry and used to connect multiple audio channels in low-level (microphone) and high-level (line) componentry. Typical applications include console board equipment for recording studios, radio and TV stations, post-production facilities and sound system installations. Pairs are individually shielded and jacketed. Jacketed pairs are individually numbered and color coded. Tinned-copper, polyolefin insulated pairs, color-coded red and black. Each pair individually shielded with bonded Belfoil® aluminum-polyester shield. Overall black PVC jacket with nylon ripcord. Nominal capacitance: 31pF/ft. Nominal impedance: 50Ω. Sold in 1000' spools. Also available in 500' spools; *go online or call.*

24 AWG (7x32) TINNED COPPER CONDUCTOR, SHIELDED

Mfg. Part No.	No. of Pairs	No. of Cond.	Nom. O.D. (in.)	1000' Spool	
				Stock No.	Price per Spool
● 1408R-1000-10	4	8	0.346	19C1647	1438.71
● 1409R-1000-10	6	12	0.412	19C1649	2030.72
● 1410R 0101000	8	16	0.446	06M3871	2783.73
● 1411R 0101000	12	24	0.555	29M7209	3709.24
● 1412R-1000-10	16	32	0.622	19C1655	5158.30
● 1413R-1000-10	20	40	0.704	19C1657	5906.13
● 1414R 0101000	24	48	0.801	29M7210	7489.62
● 1415R 0101000	26	52	0.816	19C1661	6553.92
● 1416R-1000-10	32	64	0.89	19C1663	8783.20

22 AWG (7x30) TINNED COPPER CONDUCTOR, SHIELDED

Mfg. Part No.	No. of Pairs	No. of Cond.	Nom. O.D. (in.)	1000' Spool	
				Stock No.	Price per Spool
● 1814R-1000-10	2	4	0.33	87K1158	995.78
● 1815R 0101000	4	8	0.384	87K1159	1615.56
● 1816R 0101000	6	12	0.462	29M7220	2481.29
● 1817R 0101000	8	16	0.503	87K1162	3209.41
● 1818R 0101000	12	24	0.638	29M7221	4316.29
● 1819R 0101000	16	32	0.776	96B6457	5874.40
● 1820R 0101000	20	40	0.865	29M7222	6767.85
● 1822R 0101000	26	26	0.989	29M7225	7620.21
● 1823R 0101000	32	64	1.072	29M7226	12447.18

(66298)

**BRILLIANCE® FLEXNAKE™ AUDIO SNAKE CABLE**



1902A



1904A

New super-flexible multiple-pair audio snake cable has a long flex life and exhibits an extremely low level of microphone triboelectric noise. Features exclusive "French Braid Double Shield" (U.S. Patent Number 5,303,630), for unsurpassed flexibility and excellent EMI/RFI shielding capabilities. Ultra-flexible FlexSnake™ cable lays absolutely flat with no kinking. Bare copper, polyolefin insulated twisted pairs, color coded red and black. Each pair individually shielded with bare-copper double-serve "French Braid". Individual pairs with numbered and color coded PVC jackets. Overall black PVC jacket. Nominal impedance: 60Ω. Nominal capacitance: 26.0pF/ft.

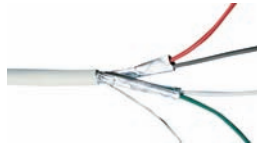
24 AWG (41x40) BARE COPPER, SHIELDED

Mfg. Part No.	No. of Pairs	Nom. O.D. (in.)	250' Spool		500' Spool		1000' Spool	
			Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 1902A	2	0.33	15B2204	587.71	87K1178	1175.42	15B2203	2230.62
● 1904A	4	0.372	15B2207	742.24	15B2208	1484.48	15B2206	2817.13
● 1906A	6	0.449	15B2210	1113.69	15B2211	2227.37	06M3901	4226.94
● 1908A	8	0.482	15B2213	1470.09	15B2214	2940.17	15B2212	5579.64
● 1912A	12	0.602	15B2217	2135.28	15B2218	4392.44	15B2216	8104.35
● 1916A	16	0.683	15B2229	2543.69	15B2230	5232.75	15B2228	9930.33
● 1924A	24	0.825	15B2232	3373.00	15B2233	7574.43	...	...
● 1932A	32	0.968	15B2235	5251.49	15B2236	9966.46	15B2234	16089.29

(66292)

AUDIO/VIDEO/SPEAKER CABLE • AUTOMATION & PROCESS CONTROL CABLE

**NEW GENERATION® SHIELDED TWISTED PAIRED (STP) PLENUM-RATED CABLE**



- Low capacitance: 34 pF/ft. nom. between conductors
- Small outer diameter for easy routing through tight openings and better space use
- Highly-flexible, low-smoke Flammarest® PVC insulation and jacket for easier installation

Plenum-rated, individually shielded two and three twisted paired cable are ideal for commercial sound and audio applications such as intercoms and PA systems. Also used for instrumentation and control equipment, security systems, power-limited control systems and access control devices. 22 AWG stranded (7x30) tinned copper conductors with a common 24 AWG stranded tinned copper drain wire. Individually Beldfoil™ aluminum/polyester foil shielded pairs for 100% coverage. Voltage rating: 300V. Temperature rating: +75°C max. Jacket color: white. Rated: UL NEC: CMP/CEC: CMP FT6.

Mfg. Part No.	No. of Pairs	Nom. O.D. (in.)	Stock No.	Spool Size	Price Per Spool
● 1325A009500	2	0.158	38M9831	500	240.86
● 1325A0091000	2	0.158	38M9830	1000	457.08
● 1326A009500	3	0.19	38M9833	500	493.95
● 1326A0091000	3	0.19	38M9832	1000	937.38

(90616)

**XTRA•GUARD 1**



**Xtreme Performance in Critical, High Technology Electronic Signal Applications**

**XTREME PERFORMANCE BENEFITS:**

- Fast, easy stripping of insulation and jacket to reduce installation and connectorization time and cost
- Unique premium-grade PVC insulation and jacket provides easier routing of cable in tight spaces
- Resistance to most oils per UL Class 43
- Resistance to ambient temperatures up to 105°C (221°F)
- Ultraviolet stabilized, all colors
- Xtreme performance against EMI/RFI with SUPRASHIELD® high-performance shielding system

Available unshielded, aluminum foil shielded, or SUPRASHIELD® for extra protection. Order XTRA•GUARD® 1 cable on pages 1171-1174.

**XTRA•GUARD® 1 CABLE**

Multi-Pairs	Multi-Conductors	Jacket Material	Conductor Insulations	Voltage Rating
1-27	2-70	PVC 105°C UL Style 2464, 2343 UL Type CM PVC 105°C UL Style 2501 UL Type MTW	PVC 80°C CSA SR-PVC PVC 80°C CSA TR-64 PVC 106°C UL Style 10002 PVC 105°C UL Style 1015 PVC 105°C CSA TEW	300V    600V

(6187)

**XTRA•GUARD 2**



**Xtreme Performance in Heavy-Duty Industrial Applications such as Abrasion, Cut-Through, Mechanical Abuse, Oils, Chemicals, Solvents and Fuel**

**XTREME PERFORMANCE BENEFITS:**

- Specially-formulated, Xtra-rugged polyurethane jacket has three times the tear and abrasion resistance of ordinary PVC
- Xtreme resistance to cut-through and physical damage
- Outstanding ultraviolet light stability in all jacket colors
- Moderate to high resistance to most oils, solvents, chemicals and fuels
- Xtreme performance against EMI/RFI with SUPRASHIELD® high-performance shielding system
- UL recognized, CSA certified, CE compliant

Available unshielded, aluminum foil shielded, or SUPRASHIELD® for extra protection. Made to order; go online or call.

**XTRA•GUARD® 2 CABLE**

Multi-Pairs	Multi-Conductors	Jacket Material	Conductor Insulations	Voltage Rating
1-27	2-50	Heavy-Duty Polyurethane 90°C UL Style 20668 105°C UL Style 20952	PVC 80°C CSA SR-PVC PVC 80°C CSA TR-64 PVC 105°C UL Style 1569, 10002 PVC 105°C UL Style 1015 PVC 105°C CSA TEW	300V    600V

(6209)

**XTRA•GUARD 3**



**Xtreme Performance in Outdoor and Direct Burial Applications Combating the Effects of Weathering, Moisture and UV Aging Without the Costly Use of Conduit**

**XTREME PERFORMANCE BENEFITS:**

- Direct burial in wet earth without the costly use of conduit
- Specially-formulated ethylene propylene copolymer jacket provides outstanding service life in outdoor and direct burial use
- Five times the water resistance of ordinary PVC cable
- Outstanding UV light stability in all jacket colors
- Xtreme performance against EMI/RFI with SUPRASHIELD® high-performance shielding system

Available unshielded, aluminum foil shielded, or SUPRASHIELD® for extra protection. Made to order; go online or call.

**XTRA•GUARD® 3 CABLE**

Multi-Pairs	Multi-Conductors	Jacket Material	Conductor Insulations	Voltage Rating
1-9	2-60	Polyethylene 80°C	PVC 80°C CSA SR-PVC PVC 80°C CSA TR-64 PVC 105°C UL Style 1569, 10002 PVC 105°C UL Style 1015 PVC 105°C CSA TEW	300V    600V

(6210)

**XTRA•GUARD 4**



**Xtreme Performance in High/Low Temperatures with High-Resistance to Oils, Chemicals, Solvents and Fuels**

**XTREME PERFORMANCE BENEFITS:**

- High-performance TPE (thermoplastic elastomer) insulation and jacket for superior cable performance in both high- and low-temperature applications from cold at -50°C (-58°F) to heat at +125°C (257°F)
- Three times the low-temperature flexibility of ordinary PVC
- High-resistance to oils, solvents, chemicals and fuels
- Outstanding UV light stability in all jacket colors
- Pennsylvania Bureau Deep Mine Safety Approved for mine-wide monitoring systems
- UL Rated Type TC 600V and Type PLTC 300V for cable tray applications
- Jacket provides easier routing of cable in tight spaces
- Xtreme performance against EMI/RFI with SUPRASHIELD® high-performance shielding system

Available multiconductor and multipair, unshielded, aluminum foil shielded, or SUPRASHIELD® for extra protection. Order XTRA•GUARD® 4 300V cable on page 1174. For XTRA•GUARD® 4 600V cable; go online or call.

**XTRA•GUARD® 4 CABLE**

Multi-Pairs	Multi-Conductors	Jacket Material	Conductor Insulations	Voltage Rating
1-27	2-40	TPE: -50°C to +125°C UL 20237, 20238 UL Type PLTC Subject 13 UL Type TC, Subj. 1277	TPE: -50°C to +125°C UL Style 1722, 1888	300V 600V

(6115)

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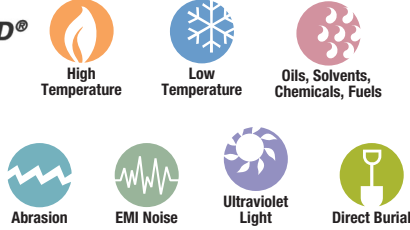
(148888)

AUTOMATION & PROCESS CONTROL CABLE

XTRA•GUARD 5



SUPRASHIELD®



Xtreme Performance in Unusually Demanding Environments! Impervious to Any Known Oil, Solvent, Chemical or Fuel. Outstanding for High Temperature Applications

XTREME PERFORMANCE BENEFITS:

- FEP Teflon® insulation and jacket for Xtreme performance at temperatures from -80°C (-112°F) to +200°C (+392°F)
Impervious to oils, solvents, chemicals, fuels and acids
20% - 30% smaller diameter than conventional cable
Outstanding UV light stability in all jacket colors
FDA recognized as food-/medical-grade (can be sterilized)
Suitable for use in Class 1 Clean Rooms
Xtreme performance against EMI/RFI with SUPRASHIELD® high-performance shielding system

Available unshielded, aluminum foil shielded, or SUPRASHIELD® for extra protection. Made to order; go online or call.

XTRA•GUARD® 5 CABLE

Table with 5 columns: Multi-Pairs, Multi-Conductors, Jacket Material, Conductor Insulations, Voltage Rating

(6117)

XTRA•GUARD 1 MULTICONDUCTOR, UNSHIELDED CABLE — 300V



Xtreme Performance in Critical, High Technology Electronic Signal Applications

XTREME PERFORMANCE BENEFITS:

- Unique premium-grade PVC insulation and jacket provides easier routing of cable in tight spaces
Fast, easy stripping of insulation and jacket to reduce installation and connection time and cost
Resistance to most oils per UL Class 43
Resistance to ambient temperatures up to 105°C (221°F)
Ultraviolet stabilized, all colors



XTRA•GUARD® 1 APPLICATIONS:

- High technology applications in controlled environments
Medical electronics
Point-of-sale equipment
Computer peripherals
Industrial process controls

XTRA•GUARD® 1 SPECIFICATIONS:

- UL Type CM, AWM Style 2464 overall; UL AWM Style 10002 conductors (24, 22, 20 AWG); UL AWM Style 1569 conductors (18, 16 AWG)
CSA CMG FT4
Passes UL VW-1 and CSA FT4 Flame Tests
UL listed, CSA certified, CE compliant

Stranded tinned copper conductors and color-coded premium PVC insulation. Voltage rating: 300V. Operating temperature: -20°C to 105°C CM and CMG, -20°C to 80°C AWM 2464. Gray premium PVC jacket; other colors available; go online or call. FIT®-221 and FIT®-321 irradiated polyolefin heat-shrink tubing is recommended; order separately on page 1239. Sold in spool sizes indicated in table below.

24 AWG 7 x 32 STRANDING, 0.010" INSULATION THICKNESS

Table with 10 columns: Mfg. Part No., No. of Cond., O.D. (In.), Stock No., Price per Spool, Stock No., Price per Spool, Stock No., Price per Spool, Stock No., Price per Spool

22 AWG 7 x 30 STRANDING, 0.010" INSULATION THICKNESS

Table with 10 columns: Mfg. Part No., No. of Cond., O.D. (In.), Stock No., Price per Spool, Stock No., Price per Spool, Stock No., Price per Spool, Stock No., Price per Spool

CONTINUED

XTRA•GUARD 1 MULTICONDUCTOR, UNSHIELDED CABLE — 300V (CONT.)

22 AWG 7 x 30 STRANDING, 0.010" INSULATION THICKNESS

Table with 10 columns: Mfg. Part No., No. of Cond., O.D. (In.), Stock No., Price per Spool, Stock No., Price per Spool, Stock No., Price per Spool, Stock No., Price per Spool

20 AWG 7 x 28 STRANDING, 0.016" INSULATION THICKNESS

Table with 10 columns: Mfg. Part No., No. of Cond., O.D. (In.), Stock No., Price per Spool, Stock No., Price per Spool, Stock No., Price per Spool, Stock No., Price per Spool

18 AWG 16 x 30 STRANDING, 0.016" INSULATION THICKNESS

Table with 10 columns: Mfg. Part No., No. of Cond., O.D. (In.), Stock No., Price per Spool, Stock No., Price per Spool, Stock No., Price per Spool, Stock No., Price per Spool

16 AWG 19 x 0.0117 STRANDING, 0.016" INSULATION THICKNESS

Table with 10 columns: Mfg. Part No., No. of Cond., O.D. (In.), Stock No., Price per Spool, Stock No., Price per Spool, Stock No., Price per Spool, Stock No., Price per Spool

\*Conductors color-coded per international standards: brown, blue, green/yellow (6102)



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(148854)





AUTOMATION & PROCESS CONTROL CABLE

XTRA•GUARD 1 MULTICONDUCTOR, SUPRASHIELD CABLE — 300V (CONT.)

20 AWG 7 x 28 STRANDING, 0.016" INSULATION THICKNESS

Table with columns: Mfg. Part No., No. of Cond., O.D. (In.), Stock No., Price per Spool, Spool Length, Price per Spool. Rows include part numbers like 5152C, 5153C, etc.

18 AWG 16 x 30 STRANDING, 0.016" INSULATION THICKNESS

Table with columns: Mfg. Part No., No. of Cond., O.D. (In.), Stock No., Price per Spool, Spool Length, Price per Spool. Rows include part numbers like 5162C, 5162/1C, etc.

16 AWG 19 x 0.0117 STRANDING, 0.016" INSULATION THICKNESS

Table with columns: Mfg. Part No., No. of Cond., O.D. (In.), Stock No., Price per Spool, Spool Length, Price per Spool. Rows include part numbers like 5172C, 5172/1C, etc.

(6103)

XTRA•GUARD 1 MULTICONDUCTOR, SUPRASHIELD CABLE — 600V (CONT.)

18 AWG, 16 x 30 STRANDING, 0.032" INSULATION THICKNESS

Table with columns: Mfg. Part No., No. of Cond., O.D. (In.), Stock No., Price per Spool, Spool Length, Price per Spool. Rows include part numbers like 5522, 5523, etc.

16 AWG, 19 x 0.0117 STRANDING, 0.032" INSULATION THICKNESS

Table with columns: Mfg. Part No., No. of Cond., O.D. (In.), Stock No., Price per Spool, Spool Length, Price per Spool. Rows include part numbers like 5532, 5533, etc.

14 AWG, 41 x 30 STRANDING, 0.032" INSULATION THICKNESS

Table with columns: Mfg. Part No., No. of Cond., O.D. (In.), Stock No., Price per Spool, Spool Length, Price per Spool. Rows include part numbers like 5542, 5543, etc.

(6109)

XTRA•GUARD 1 MULTICONDUCTOR, SUPRASHIELD CABLE — 600V



Xtreme Performance in Critical, High Technology Electronic Signal Applications

SUPRASHIELD®

XTREME PERFORMANCE BENEFITS:

- Provides easier routing of cable in tight spaces
Fast, easy stripping of insulation and jacket to reduce installation and connectorization time and cost
Resistance to most oils per UL Class 43
Resistance to ambient temperatures up to 105°C (221°F)
Ultraviolet stabilized, all colors
Xtreme performance against EMV/RFI with SUPRASHIELD® high-performance shielding system



XTRA•GUARD® 1 APPLICATIONS:

- EIA RS 232C Interface (22 AWG)
High technology applications in controlled environments
Point-of-sale equipment
Computer peripherals
Industrial process controls

XTRA•GUARD® 1 SPECIFICATIONS:

- UL Type MTW
UL AWM Style 2501 overall; UL AWM Style 1015 conductors
CSA AWM I A/B II A/B FT4 overall; CSA TEW conductors
Passes UL VW-1 and CSA FT4 Flame Tests
UL listed, CSA certified, CE compliant

Stranded tinned copper conductors and color-coded premium PVC insulation. SUPRASHIELD® aluminum/polyester/aluminum foil shielding with stranded tinned copper drain wire plus 70% overall tinned-copper braid. Voltage rating: 600V. Operating temperature: -20°C to 105°C. Gray premium PVC jacket; other colors available; go online or call. FIT®-221 and FIT®-321 irradiated polyolefin heat-shrink tubing is recommended; order separately on page 1239. Sold in spool sizes indicated in table below.

22 AWG, 7 x 30 STRANDING, 0.032" INSULATION THICKNESS

Table with columns: Mfg. Part No., No. of Cond., O.D. (In.), Stock No., Price per Spool, Spool Length, Price per Spool. Rows include part numbers like 5504, 5507, etc.

20 AWG, 7 x 28 STRANDING, 0.032" INSULATION THICKNESS

Table with columns: Mfg. Part No., No. of Cond., O.D. (In.), Stock No., Price per Spool, Spool Length, Price per Spool. Rows include part numbers like 5514, 5517, etc.

CONTINUED

XTRA•GUARD 1 MULTIPAIR, SUPRASHIELD CABLE



Xtreme Performance in Critical, High Technology Electronic Signal Applications

SUPRASHIELD®

XTREME PERFORMANCE BENEFITS:

- Unique premium-grade PVC insulation and jacket provides easier routing of cable in tight spaces
Fast, easy stripping of insulation and jacket to reduce installation and connectorization time and cost
Resistance to most oils per UL Class 43
Resistance to ambient temperatures up to 105°C (221°F)
Ultraviolet stabilized, all colors
Xtreme performance against EMV/RFI with SUPRASHIELD® high-performance shielding system



XTRA•GUARD® 1 APPLICATIONS:

- EIA RS 232C Interface (24, 22 AWG)
High-technology applications in controlled environments
Point-of-sale equipment
Computer peripherals
Industrial process controls

XTRA•GUARD® 1 SPECIFICATIONS:

- UL AWM Style 2464 overall; UL AWM Style 10002 conductors (24, 22 AWG); UL AWM Style 1569 conductors (20, 18 AWG)
CSA CMG FT4
Passes UL VW-1 and CSA FT4 Flame Tests
UL listed, CSA certified, CE compliant

Stranded tinned copper conductors and color-coded premium PVC insulation. SUPRASHIELD® aluminum/polyester/aluminum foil shielding with stranded tinned copper drain wire plus 70% overall tinned-copper braid. Voltage rating: 300V. Operating temperature: -20°C to 105°C CM and CMG, -20°C to 80°C AWM 2464. Gray premium PVC jacket; other colors available; go online or call. FIT®-221 and FIT®-321 irradiated polyolefin heat-shrink tubing is recommended; order separately on page 1239. Sold in spool sizes indicated in table below.

24 AWG, 7 x 32 STRANDING, 0.010" INSULATION THICKNESS

Table with columns: Mfg. Part No., No. of Pairs, O.D. (In.), Stock No., Price per Spool, Spool Length, Price per Spool. Rows include part numbers like 5271C, 5272C, etc.

22 AWG, 7 x 30 STRANDING, 0.010" INSULATION THICKNESS

Table with columns: Mfg. Part No., No. of Pairs, O.D. (In.), Stock No., Price per Spool, Spool Length, Price per Spool. Rows include part numbers like 5121C, 5122C, etc.

CONTINUED



3





AUTOMATION & PROCESS CONTROL CABLE

**XTRA•GUARD CONTINUOUS FLEX CONTROL CABLE**



**Xtreme Performance in Single Axis, High-to-Severe Duty, Continuous Rolling or Bending Flexing Environments Up to 14 Million Flex Life Cycles**



**XTREME PERFORMANCE BENEFITS:**

- Flexible PVC insulation and jacket with overall cable design for installation in C-track or Xtreme flexing applications up to 14 million flex life cycles
  - Outstanding service life in heavy-duty, high-speed cable track applications
  - Unique premium-grade PVC insulation and jacket provides easier routing of cable in tight spaces
  - Outstanding oil, solvent, chemical and fuel resistance
  - Perfectly round geometry helps provide a liquid-tight installation per IP-67 or NEMA 6
  - Superior performance against EMI/RFI when shielded
- Available unshielded or shielded for extra protection. Order XTRA•GUARD® Continuous Flex Control Cable on pages 1175-1176. (89679)

**XTRA•GUARD CONTINUOUS FLEX DATA CABLE**



**Xtreme Performance in Single Axis, High-Flex Duty, Continuous Rolling or Bending Flexing Environments Up to 6 Million Flex Life Cycles**



**XTREME PERFORMANCE BENEFITS:**

- Flexible PVC insulation and jacket with overall cable design for installation in C-track or high flexing applications up to 6 million flex life cycles
  - Unique premium-grade PVC insulation and jacket provides easier routing of cable in tight spaces
  - Outstanding oil, solvent, chemical and fuel resistance
  - Perfectly round geometry helps provide a liquid-tight installation per IP-67 or NEMA 6
  - Superior performance against EMI/RFI when shielded
- Available unshielded or shielded for extra protection. Order XTRA•GUARD® Continuous Flex Data Cable on pages 1176-1177. (89679)

**XTRA•GUARD FLEX TORSION CABLE**



**Xtreme Performance in Multi-Axis, Torsional Flexing Applications Up to 360° From Neutral Position**



**XTREME PERFORMANCE BENEFITS:**

- Flexible Hytrel® insulation and Xtra rugged polyurethane jacket with overall cable design for installation in twisting and random robotic flexing applications +/-360° per meter
  - Outstanding service life in heavy-duty, high-speed torsional applications
  - High oil, solvent, chemical and fuel resistance
  - Perfectly round geometry helps provide a liquidtight installation per IP-67 or NEMA 6
  - Superior performance against EMI/RFI when shielded
- Available unshielded or shielded for extra protection. Order XTRA•GUARD® Flex Torsion Cable on pages 1177-1178. \*Hytrel® is a registered trademark of E.I. DuPont de Nemours and Co. (89679)

**XTRA•GUARD CONTINUOUS FLEX CONTROL CABLE — UNSHIELDED**



**Xtreme Performance in Single Axis, High-to-Severe Duty, Continuous Rolling or Bending Flexing Environments Up to 14 Million Flex Life Cycles**



**XTREME PERFORMANCE BENEFITS:**

- Flexible PVC insulation and jacket with overall cable design for installation in C-track or Xtreme flexing applications up to 14 million flex-life cycles
- Outstanding service life in heavy-duty, high-speed cable track applications
- Unique premium-grade PVC insulation and jacket provides easier routing of cable in tight spaces
- Outstanding oil, solvent, chemical and fuel resistance
- Perfectly round geometry helps provide a liquid-tight installation per IP-67 or NEMA 6

**XTRA•GUARD® CONTINUOUS FLEX CONTROL CABLE APPLICATIONS:**

- Where continuous flexing is required
- Robotics
- Installation in Cable Track
- Data Processing Equipment
- Assembly Lines
- Automation Equipment
- Material Handling Equipment

**XTRA•GUARD® CONTINUOUS FLEX CONTROL CABLE SPECIFICATIONS:**

- Bend radius: 8X cable diameter (static and dynamic)
- UL AWM Style 2587
- CSA AWM I A/B II A/B FT1
- Jacket meets VDE 0472, Section 803 Oil Test
- Passes MIL-C-13777G Flex Life Test
- CE LVD 73/23/EEC modified by Directive CD 93/68/EEC
- UL recognized, CSA certified, CE compliant

Super-finely stranded bare copper conductors, lubricated PVC insulation and black, oil-resistant PVC jacket. Voltage rating: 600V. Operating temperature: -5°C to 90°C (flexing), -40°C to 90°C (stationary). FIT-FLEX and FIT®-650 heat-shrink tubing is recommended; order separately on pages 1239-1240. Other wire gauge sizes are available, including 12, 10, 8, 6, 4 and 2 AWG; go online or call. Sold in spool sizes indicated in table below.

**20 AWG, 63 x 38 STRANDING, 0.022" INSULATION THICKNESS**

Mfg. Part No.	No. of Cond.	Nom. O.D. (In.)	100' Spool		500' Spool		1000' Spool	
			Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 85003	3	0.27	91F2592	181.44	91F2591	801.25	91F2590	1542.24
● 85004	4	0.30	91F2598	247.76	91F2597	1108.64	91F2596	2131.87
● 85005	5	0.32	91F2604	178.80	91F2603	790.82	91F2602	1523.29
● 85007	7	0.39	91F2610	253.52	91F2609	1130.62	91F2608	2184.71
● 85012	12	0.46	06M4008	267.36	91F2618	1211.23	91F2617	2319.61
● 85018	18	0.55	91F2623	365.76	91F2625	1693.24	91F2624	3251.56
● 85025	25	0.69	06M4009	560.56	91F2631	2639.54	91F2630	5086.54
● 85034	34	0.75	91F2635	554.32	91F2637	2609.44	91F2636	5090.69

**18 AWG, 105 x 38 STRANDING, 0.022" INSULATION THICKNESS**

● 85803	3	0.30	91F2695	123.44	91F2697	558.31	91F2696	1074.71
● 85804	4	0.33	91F2701	122.80	91F2703	555.33	91F2702	1080.40
● 85805	5	0.36	91F2707	156.16	91F2709	710.51	91F2708	1374.26
● 85807	7	0.44	91F2713	210.16	91F2715	974.54	91F2714	1885.97
● 85812	12	0.52	91F2721	310.72	91F2720	1372.22	91F2719	2630.19
● 85815	15	0.58	91F2727	422.40	91F2726	1958.31	91F2725	3775.93
● 85818	18	0.61	88K1498	459.44	91F2729	2069.84	91F2728	3954.79
● 85825	25	0.77	85K9951	608.40	91F2735	2870.94	91F2734	5591.00
● 85834	34	0.83	91F2742	807.28	91F2741	3555.59	91F2740	6911.75

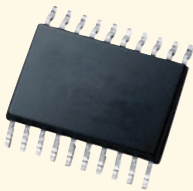
**16 AWG, 168 x 38 STRANDING, 0.022" INSULATION THICKNESS**

● 85603	3	0.33	91F2650	157.76	91F2652	696.88	91F2651	1347.91
● 85604	4	0.36	91F2656	164.80	...	...	...	...
● 85605	5	0.40	91F2662	203.76	91F2664	901.31	91F2663	1742.41
● 85607	7	0.48	91F2668	296.64	91F2670	1400.75	...	...
● 85612	12	0.57	91F2674	418.32	91F2676	1861.61	91F2675	3589.37
● 85618	18	0.67	91F2680	474.48	91F2682	2139.20	91F2681	4121.21
● 82625	25	0.86	91F2686	681.20	91F2688	3099.95	91F2687	6032.71
● 85634	34	0.94	91F2692	930.72	91F2694	4158.45	91F2693	8117.73

**14 AWG, 266 x 38 STRANDING, 0.022" INSULATION THICKNESS**

● 85404	4	0.42	91F2638	320.88	91F2640	1446.12	91F2639	2777.59
● 85407	7	0.58	91F2644	411.28	91F2646	1828.98	91F2645	3526.40

**Huge Expanded Selection of Semiconductors**



Go online to find new technologies and proven solutions for world-class and specialist suppliers.

Make it easy. Make it fast. Make it Newark.

(148845)





AUTOMATION & PROCESS CONTROL CABLE

XTRA-GUARD FLEXIBLE MULTICONDUCTOR SHIELDED TORSION CABLE



Xtreme Performance in Multi-Axis, Torsional Flexing Applications Up to 360° From Neutral Position

XTREME PERFORMANCE BENEFITS:

- Flexible Hytrel insulation and Xtra rugged polyurethane jacket with overall cable design for installation in twisting and random robotic flexing applications +/-360° per meter
Outstanding service life in heavy-duty, high-speed torsional applications
High oil, solvent, chemical and fuel resistance
Perfectly round geometry helps provide a liquid-tight installation per IP-67 or NEMA 6
Superior performance against EMI/RF



Flexing



Abrasion



EMI Noise

XTRA-GUARD® FLEXIBLE MULTICONDUCTOR SHIELDED TORSION CABLE APPLICATIONS:

- Twisting and random robotic flexing applications
Power supply to welding, painting and articulating robots
Automation networking
Connecting sensors and actuators to controllers

XTRA-GUARD® FLEXIBLE MULTICONDUCTOR SHIELDED TORSION CABLE SPECIFICATIONS:

- UL AWM 20234
CSA AWM I A/B II A/B FT1
CE LVD 73/23/EEC modified by Directive CD 93/68/EEC
UL recognized, CSA certified, CE compliant

Stranded bare copper conductors and thermoplastic elastomer insulation. Tinned copper spiral shield provides 90% coverage. Black, oil-resistant polyurethane jacket. Minimum bend radius: 10X O.D. (static), 15X O.D. (dynamic). Maximum twisting: ±360° per meter. Voltage rating: 600V. Operating temperature: -10°C to 80°C (flexing), -30°C to 80°C (stationary). FIT®-FLEX and FIT®-650 heat-shrink tubing is recommended; order separately on pages 1239-1240. Sold per foot.

24 AWG (0,38mm²), 7 x 32 STRANDING, 0.016" INSULATION THICKNESS

Table with 5 columns: Mfg. Part No., No. of Cond., Nom. O.D. (in.), Stock No., Price per Foot. Lists part numbers 87003CY to 87007CY BK199 with corresponding specifications and prices.

22 AWG (0,38mm²), 19 x 34 STRANDING, 0.016" INSULATION THICKNESS

Table with 5 columns: Mfg. Part No., No. of Cond., Nom. O.D. (in.), Stock No., Price per Foot. Lists part numbers 87103CY to 87107CY BK199 with corresponding specifications and prices.

20 AWG (0,62mm²), 19 x 32 STRANDING, 0.016" INSULATION THICKNESS

Table with 5 columns: Mfg. Part No., No. of Cond., Nom. O.D. (in.), Stock No., Price per Foot. Lists part numbers 87203CY to 87207CY BK199 with corresponding specifications and prices.

18 AWG (0,96mm²), 19 x 30 STRANDING, 0.016" INSULATION THICKNESS

Table with 5 columns: Mfg. Part No., No. of Cond., Nom. O.D. (in.), Stock No., Price per Foot. Lists part numbers 87303CY to 87307CY BK199 with corresponding specifications and prices.

16 AWG (1,32mm²), 19 x 0.0117 STRANDING, 0.016" INSULATION THICKNESS

Table with 5 columns: Mfg. Part No., No. of Cond., Nom. O.D. (in.), Stock No., Price per Foot. Lists part numbers 87403CY to 87407CY BK199 with corresponding specifications and prices.

14 AWG (2,07mm²), 19 x 0.0147 STRANDING, 0.027" INSULATION THICKNESS

Table with 5 columns: Mfg. Part No., No. of Cond., Nom. O.D. (in.), Stock No., Price per Foot. Lists part numbers 87503CY to 87507CY BK199 with corresponding specifications and prices.

12 AWG (3,29mm²), 19 x 0.0185 STRANDING, 0.027" INSULATION THICKNESS

Table with 5 columns: Mfg. Part No., No. of Cond., Nom. O.D. (in.), Stock No., Price per Foot. Lists part numbers 87603CY to 87607CY BK199 with corresponding specifications and prices.

10 AWG (5,22mm²), 37 x 0.0167 STRANDING, 0.030" INSULATION THICKNESS

Table with 5 columns: Mfg. Part No., No. of Cond., Nom. O.D. (in.), Stock No., Price per Foot. Lists part numbers 87703CY to 87707CY BK199 with corresponding specifications and prices.

\*Hytrel® is a registered trademark of E.I. DuPont de Nemours and Co. (5179)

XTRA-GUARD FLEXIBLE CONTROL CABLE — UNSHIELDED



Xtreme Performance in Single Axis, Light-to-Moderate Duty, Flexing Environments Up to 1 Million Flex Life Cycles

XTREME PERFORMANCE BENEFITS:

- Flexible PVC insulation and jacket with overall cable design for installation in C-track or simple flexing applications up to one million flex life cycles
Unique premium-grade PVC insulation and jacket provides easier routing of cable in tight spaces
Outstanding oil, solvent, chemical and fuel resistance
Perfectly round geometry helps provide a liquid-tight installation per IP-67 or NEMA 6



Flexing



Oils, Solvents, Chemicals, Fuels

XTRA-GUARD® FLEXIBLE CONTROL CABLE APPLICATIONS:

- Where increased flexing is required
Machine tools
CNC machine centers
Data processing equipment
Automation equipment
Material handling equipment

XTRA-GUARD® FLEXIBLE CONTROL CABLE SPECIFICATIONS:

- Bend radius: 8X cable diameter (static and dynamic)
UL AWM Style 2587
CSA AWM I A/B II A/B FT1
Jacket meets VDE 0472, Section 803 Oil Test
CE LVD 73/23/EEC modified by Directive CD 93/68/EEC
UL recognized, CSA certified, CE compliant

Finely stranded bare copper conductors, lubricated PVC insulation and gray, oil-resistant PVC jacket. Voltage rating: 600V. Operating temperature: -5°C to 90°C (flexing), -40°C to 90°C (stationary). FIT®-FLEX and FIT®-650 heat-shrink tubing is recommended; order separately on pages 1239-1240. Other wire gauge sizes are available, including 12, 10, 8, 6, 4 and 2 AWG; go online or call. Sold in spool sizes indicated in table below.

20 AWG, 10 x 30 STRANDING, 0.022" INSULATION THICKNESS

Table with 9 columns: Mfg. Part No., No. of Cond., Nom. O.D. (in.), Stock No., Price per Spool. Lists part numbers 91F2408 to 91F2442 with corresponding specifications and prices for 100', 500', and 1000' spool sizes.

18 AWG, 16 x 30 STRANDING, 0.022" INSULATION THICKNESS

Table with 9 columns: Mfg. Part No., No. of Cond., Nom. O.D. (in.), Stock No., Price per Spool. Lists part numbers 91F2537 to 91F2589 with corresponding specifications and prices for 100', 500', and 1000' spool sizes.

16 AWG, 26 x 30 STRANDING, 0.022" INSULATION THICKNESS

Table with 9 columns: Mfg. Part No., No. of Cond., Nom. O.D. (in.), Stock No., Price per Spool. Lists part numbers 91F2485 to 91F2533 with corresponding specifications and prices for 100', 500', and 1000' spool sizes.

14 AWG, 41 x 30 STRANDING, 0.022" INSULATION THICKNESS

Table with 9 columns: Mfg. Part No., No. of Cond., Nom. O.D. (in.), Stock No., Price per Spool. Lists part numbers 91F2447 to 91F2483 with corresponding specifications and prices for 100', 500', and 1000' spool sizes.

(17543)

AUTOMATION & PROCESS CONTROL CABLE

XTRA•GUARD FLEXIBLE CONTROL CABLE — SHIELDED



Xtreme Performance in Single Axis, Light-to-Moderate Duty, Flexing Environments Up to 1 Million Flex Life Cycles



XTRME PERFORMANCE BENEFITS:

- Flexible PVC insulation and jacket with overall cable design for installation in C-track or simple flexing applications up to one million flex life cycles
• Unique premium-grade PVC insulation and jacket provides easier routing of cable in tight spaces
• Outstanding oil, solvent, chemical and fuel resistance
• Perfectly round geometry helps provide a liquid-tight installation per IP-67 or NEMA 6
• Superior performance against EMI/RFI

XTRA•GUARD® FLEXIBLE CONTROL CABLE APPLICATIONS:

- Where increased flexing is required
• Machine tools
• CNC machine centers
• Data processing equipment
• Automation equipment
• Material handling equipment

XTRA•GUARD® FLEXIBLE CONTROL CABLE SPECIFICATIONS:

- Bend radius: 8X cable diameter (static and dynamic)
• UL AWM Style 2587
• CSA AWM I A/B II A/B FT1
• Jacket meets VDE 0472, Section 803 Oil Test
• CE LVD 73/23/EEC modified by Directive CD 93/68/EEC
• UL recognized, CSA certified, CE compliant

Finely stranded bare copper conductors, lubricated PVC insulation, tinned-copper braid shield (85% coverage) and gray, oil-resistant PVC jacket. Voltage rating: 600V. Operating temperature: -5°C to 90°C (flexing), -40°C to 90°C (stationary). FIT®-FLEX and FIT®-650 heat-shrink tubing is recommended; order separately on pages 1239-1240. Other wire gauge sizes are available, including 12, 10, 8, 6, 4 and 2 AWG; go online or call. Sold in spool sizes indicated in table below.

20 AWG, 10 x 30 STRANDING, 0.022" INSULATION THICKNESS

Table with 7 columns: Mfg. Part No., No. of Cond., Nom. O.D. (in.), Stock No., Price per Spool, Stock No., Price per Spool, Stock No., Price per Spool. Rows include 65003CY, 65007CY, 65012CY.

18 AWG, 16 x 30 STRANDING, 0.022" INSULATION THICKNESS

Table with 7 columns: Mfg. Part No., No. of Cond., Nom. O.D. (in.), Stock No., Price per Spool, Stock No., Price per Spool, Stock No., Price per Spool. Rows include 65803CY, 65804CY, 65805CY, 65807CY, 65812CY, 65818CY.

16 AWG, 26 x 30 STRANDING, 0.022" INSULATION THICKNESS

Table with 7 columns: Mfg. Part No., No. of Cond., Nom. O.D. (in.), Stock No., Price per Spool, Stock No., Price per Spool, Stock No., Price per Spool. Rows include 65603CY, 65604CY, 65605CY, 65607CY, 65612CY, 65618CY.

14 AWG, 41 x 30 STRANDING, 0.022" INSULATION THICKNESS

Table with 7 columns: Mfg. Part No., No. of Cond., Nom. O.D. (in.), Stock No., Price per Spool, Stock No., Price per Spool, Stock No., Price per Spool. Rows include 65403CY, 65404CY, 65405CY, 65407CY.

ALPHA WIRE INDUSTRIAL SERIES "SERIES S" MULTICONDUCTOR SHIELDED SERVO ENCODER CABLE



Features:

- Superior control and measurement performance
• High flexibility
• Resistance to oil
• Jacket durability

Applications:

- Control and measurement of servo motor systems
• Connecting to motor position sensors, processors and controllers
• Stationary or flexing operations

"SERIES S" oil-resistant, flexible encoder cable for use in servo motor systems for regulation and measurement of motor speeds. Features nine 20 AWG (26 x 34 stranded) bare copper conductors, 0.014" (0.36) polyolefin insulation and 0.032" (0.8) thick black thermoplastic elastomer (TPE) jacket. Colors coded: brown, black, gray, blue, white, red, pink, green, and yellow. Voltage rating: 300V. Nom. O.D.: 0.38". Operating temperature: -10°C to +80°C. UL recognized, CSA certified, CE compliant.

Table with 7 columns: Mfg. Part No., No. of Cond., Stock No., Price per Spool, Stock No., Price per Spool, Stock No., Price per Spool. Rows include S61300CY.

XTRA•GUARD® HIGH-PERFORMANCE, SYMMETRICAL DESIGN FLEXIBLE MOTOR SUPPLY CABLE



Suitable for Direct Burial

XTRA•GUARD® SUPRASHIELD®

SUPRASHIELD®

Just Added

XTRA•GUARD® FLEXIBLE MOTOR SUPPLY CABLE PERFORMANCE BENEFITS:

- Reduced cable cost
• Small outer diameter
• SUPRASHIELD® superior shielding
• Flexibility and ease of handling over conventional motor cable
• Round geometrical shape to facilitate environmental seal
• Jacket durability
• Oil, abrasion and sunlight resistance
• Suitable for direct burial



XTRA•GUARD® FLEXIBLE MOTOR SUPPLY CABLE APPLICATIONS:

- Servo Motor, AC Drives
• Variable Frequency Drive
• Medical, Robotic
• Packaging, Conveying
• Machine Tool, Welding
• Fluid Movement, Waste Water
• UL compliant to NEC Article 336.10 (7) for exposed runs exiting the cable tray
• Suitable for use in Class 1, Division 2 locations per NEC Article 501

XTRA•GUARD® FLEXIBLE MOTOR SUPPLY CABLE SPECIFICATIONS:

- Bend Radius: 10X Cable Diameter (Static and Dynamic)
• UL Standard 1277, Type TC-ER, 90°C, 600 Volt
• UL Exposed Run (-ER)
• UL Standard 1063, Type MTW, 90°C, 600 Volt
• UL Direct Burial
• UL Sunlight Resistant
• UL 1581 Vertical Tray Flame Test
• CSA AWM I A/B II A/B FT 4
• CSA FT4 Flame Test
• Oil res I
• UL listed, CSA certified, CE compliant

Features four finely stranded bare copper conductors, PVC/nylon insulation, and specially-formulated, oil-resistant black PVC jacket. Aluminum/polyester/aluminum shield plus overall tinned copper braid (70% coverage) and four symmetrical stranded tinned copper drain wires. Voltage rating: 600V UL Type TC-ER, MTW. Operating temperature: -5°C to 90°C (flexing), -20°C to 90°C (stationary). This flexible motor supply cable complements Series V high-performance variable frequency drive (VFD) cable; order separately on page 1180. FIT®-321 and FIT®-600 heat-shrink tubing is recommended; order separately on pages 1239-1240.

Table with 7 columns: Mfg. Part No., AWG, Stranding, Nom. O.D. (in.), Stock No., Price per Spool. Rows include 5660 BK199, 5661 BK199, 5662 BK199, 5663 BK199, 5664 BK199, 5665 BK199.

(136924)

ALPHA WIRE INDUSTRIAL SERIES "SERIES F" MULTICONDUCTOR UNSHIELDED CONTINUOUS FLEX CONTROL CABLE



Features:

- High flexibility
• Superior resistance to oil and abrasion
• Jacket durability
• Meets MIL-C-13777G specifications



Applications:

- High-flexing/bending operations
• Factory equipment interconnects
• Robotics
• Machine tools
• Automotive assembly equipment

"SERIES F" oil-resistant, flexible, control cable features 16 AWG super-fine 65 x 34 stranded bare copper conductors with red PVC/nylon insulation for use with AC circuits operating at less than line voltage or blue PVC/nylon insulation for DC circuits operating at less than line voltage. Insulation thickness: 0.016" (0.4) PVC / 0.005" (0.1) nylon. Tough yet flexible black thermoplastic elastomer (TPE) jacket. Voltage rating: 600V. Operating temperature: -5°C to 90°C (flexing), -25°C to 90°C (stationary). UL listed, type TC-ER, CSA certified AWM I A/B II A/B FT 4. Meets MIL-C-13777G specification. CE compliant. Sold per foot.

RED INSULATION

Table with 6 columns: Mfg. Part No., No. of Cond., Nom. O.D., Jacket Thickness, Stock No., Price per Foot. Rows include F16012RW BK199, F16017RW BK199, F16019RW BK199, F16022RW BK199, F16025RW BK199, F16033RW BK199.

BLUE INSULATION

Table with 6 columns: Mfg. Part No., No. of Cond., Nom. O.D., Jacket Thickness, Stock No., Price per Foot. Rows include F16012LW BK199, F16017LW BK199, F16022LW BK199, F16025LW BK199.

CONTINUED

AUTOMATION & PROCESS CONTROL CABLE

ALPHA WIRE INDUSTRIAL SERIES "SERIES F" MULTICONDUCTOR UNSHIELDED CONTINUOUS FLEX CONTROL CABLE (CONT.)

BLUE INSULATION

Mfg. Part No.	No. of Cond.	Nom. O.D.	Jacket Thickness	Stock No.	Price per Foot
F16033LW BK199	33	0.899"	0.085"	85C2625	17.10
F16042LW BK199	42	0.966"	0.085"	85C2627	30.00

(51875)

ALPHA WIRE INDUSTRIAL SERIES "SERIES M" HIGH PERFORMANCE STATIONARY CONTROL CABLE



- Applications:**
- Extended runs exiting the cable tray — UL compliant to NEC Section 336.10 (7)
  - Stationary track/cable tray
  - Factory equipment interconnects
  - Robotics
  - Machine tools
  - Automotive assembly equipment
  - Conveyor systems
  - Control panels

Features:

- Cable extending from cable tray for an unlimited distance — UL Types PLTC or TC
- Improved cable life
- Reduced cable cost
- Superior resistance to oil and abrasion
- Jacket durability

"SERIES M" is the ultimate cable solution for stationary/cable tray and some minimal flexing applications. Oil-resistant PVC jacket. Color code: suffix R in mfg. part no. number indicates red insulated conductors with alphanumeric printing, neutral conductor is white insulation with red stripe and ground wire is green/yellow. Suffix L in mfg. part no. number indicates blue insulated conductors with alphanumeric printing, neutral conductor, white insulation with blue stripe and ground wire is green/yellow. Gray jacket. UL Type TC-ER, 600 volt, CSA AWM I/II A/B 600V FT4. **Sold per foot.**

16 AWG (26 x 30 BC) RED INSULATION, UNSHIELDED

Mfg. Part No.	No. of Cond.	Nom. O.D.	Stock No.	Price per Foot
M16112RW SL199	12	0.557"	85C2636	8.74
M16117RW SL199	17	0.644"	85C2638	17.48
M16119RW SL199	19	0.644"	85C2640	13.99
M16122RW SL199	22	0.707"	85C2642	14.72
M16125RW SL199	25	0.761"	85C2644	12.42
M16133RW SL199	33	0.857"	85C2646	11.91
M16142RW SL199	42	0.950"	85C2648	22.08
M16149RW SL199	49	1.005"	85C2650	26.68
M16165RW SL199	65	1.122"	85C2652	15.28

16 AWG (26 x 30 BC) BLUE INSULATION, UNSHIELDED

M16112LW SL199	12	0.557"	85C2635	9.66
M16117LW SL199	17	0.644"	85C2637	7.64
M16119LW SL199	19	0.644"	85C2639	11.96
M16122LW SL199	22	0.707"	85C2641	4.97
M16125LW SL199	25	0.761"	85C2643	16.75
M16133LW SL199	33	0.857"	85C2645	10.31
M16142LW SL199	42	0.950"	85C2647	27.60
M16149LW SL199	49	1.005"	85C2649	15.28
M16165LW SL199	65	1.122"	85C2651	15.28

(57776)

ALPHA WIRE INDUSTRIAL SERIES "SERIES V" HIGH-PERFORMANCE, SMALL-DIAMETER, VARIABLE FREQUENCY DRIVE (VFD) CABLE



Just Added



Features:

- Available with or without brake pair
- Stranded tinned copper conductors
- XLPE cross-linked polyethylene insulation
- Aluminum/polyester/aluminum shield plus overall tinned copper braid
- Stranded tinned copper drain wires
- Specially-formulated, oil-resistant, black PVC jacket
- Voltage rating: 600V
- Operating temperature range: -40°C to 90°C
- Suitable for direct burial

Specifications:

- UL Standard 1277, Type TC-ER, 90°C, 600V
- UL Exposed Run (-ER)
- UL Sunlight Resistant
- UL 1581 Vertical Tray
- UL Direct Burial
- CSA AWM I/II A/B XHHW-2 RHW-2 Singles
- CE-LVD: 73/68/EEC Amend. 93/68/EEC
- CSA FT-4 Vertical Tray

"SERIES V" cable is suitable for use with Allen-Bradley®, Rockwell® Automation and other manufacturer's variable frequency drives.

Engineered to deliver optimum performance and withstand the unique rigors of VFD environments, Alpha's "SERIES V" enhanced-design, variable frequency drive cable is easy-to-install, esthetically pleasing and built to combat continuous dielectric stresses that cause cable failure. Its round, tightly-fitted foil/braid shielding system, plus large insulation walls, aid in providing a low capacitance profile that delivers greater run lengths and provides maximum surface transfer impedance. Fits easily into grommets, offering superior cable-to-electrical junction/control box sealing, resulting in tighter installation that is protected from dirt, dust, oil, water and pollutants, and contributes to meeting IP67 and NEMA 6 installation standards requirements. Will not degrade under heavy electrical load and copes with voltage irregularities

▶ CONTINUED ▶

ALPHA WIRE INDUSTRIAL SERIES "SERIES V" HIGH-PERFORMANCE, SMALL-DIAMETER, VARIABLE FREQUENCY DRIVE (VFD) CABLE (CONT.)

such as harmonics, corona discharges and power distortion. With "SERIES V" cable motors last longer, connections are sealed and components are protected. System up-time is maximized so users realize the full cost savings of variable speed drives. **Sold in 100' spools.**

WITHOUT BRAKE PAIR

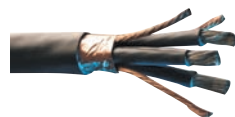
Mfg. Part No.	No. of Conductors	AWG	Stranding	Nom. Dia. (In.)	Stock No.	Price per Spool
V16016 BK199	4	16	26 x 30	0.535	39P9421	430.08
V16014 BK199	4	14	41 x 30	0.575	39P9420	473.76
V16012 BK199	4	12	65 x 30	0.627	39P9419	745.92
V16010 BK199	4	10	105 x 30	0.728	39P9430	924.00
V16008 BK199	4	8	7 x 19 x 29	0.92	39P9418	1354.08
V16006 BK199	4	6	7 x 19 x 27	1.017	39P9417	1874.88
V16004 BK199	4	4	7 x 19 x 25	1.157	39P9416	3000.48
V16002 BK199	4	2	7 x 19 x 23	1.317	39P9414	4425.12

WITH BRAKE PAIR — 14 AWG (7 x 22 STRANDING)

V16116 BK199	4 + 1 Pr.	16	26 x 30	0.71	39P9425	786.24
V16114 BK199	4 + 1 Pr.	14	41 x 30	0.74	39P9424	722.40
V16112 BK199	4 + 1 Pr.	12	65 x 30	0.78	39P9423	823.20
V16110 BK199	4 + 1 Pr.	10	105 x 30	0.88	39P9431	1092.00
V16108 BK199	4 + 1 Pr.	8	7 x 19 x 29	1.03	39P9422	1727.04

(78526)

ALPHA WIRE INDUSTRIAL SERIES "SERIES V" HIGH-PERFORMANCE, LARGE AWG VARIABLE FREQUENCY DRIVE (VFD) CABLE



Features:

- Three stranded tinned-copper conductors
- Dual spiral copper tape shield
- Stranded bare copper ground wires
- Specially-formulated, cross-linked polyethylene (XLPE) insulation
- Oil- and corona-resistance
- Low capacitance for improved signal transmission
- Voltage rating: 600V
- Operating temperature range: -40°C to 90°C
- Suitable for direct burial

Specifications:

- UL Standard 1277, Type TC-ER, 90°C, 600V
- UL Exposed Run (-ER)
- UL Direct Burial
- UL Sunlight Resistant
- UL Type XHHW-2
- UL 1000V Flexible Motor Supply Cable
- UL 1581 and CSA FT-4 Vertical Tray
- CSA AWM I/II A/B XHHW-2 Singles
- IEEE 1202/383 Vertical Tray
- CE-LVD: 73/68/EEC Amend. 93/68/EEC
- MSHA

Applications:

- UL Exposed Run (-ER) compliant to NEC section 336.10 (7)
- Multi-axis control systems
- Automotive assembly equipment
- Robotics
- Machine tools
- Stationary track/tray
- Conveyor systems
- Factory equipment interconnects

"SERIES V" symmetrical design, 3-conductor variable frequency drive (VFD) cable, in large AWG conductor sizes, is ideal for interconnection of VFD systems and motors for extended duty-cycle performance requirements. Feature bare copper ground wires placed in the interstices of the conductors, resulting in uniform conductor-to-ground capacitance and impedance. This unique arrangement minimizes the probability of motor damage from common mode current flow. Plus the dual layer copper tape shield provides 100% shielding with low shield impedance. Suitable in Class I and II; Division 2 hazardous locations where the round outer jacket provides a good seal with glands and grommets where IP67 requirements must be met. Color: black. **Sold per foot, (100-ft minimum).**

Mfg. Part No.	AWG	Stranding	Nom. Dia. (In.)	Max. Current (A)	Stock No.	Price per Foot
V16001	1	133 x 7 x 19 x 22	1.197	150	77M7817	33.72
V16000	1/0	133 x 7 x 19 x 21	1.294	170	77M7816	41.83
V16020	2/0	133 x 7 x 19 x 20	1.399	195	77M7818	49.09
V16030	3/0	133 x 7 x 19 x 19	1.517	225	77M7819	58.07
V16040	4/0	133 x 7 x 19 x 18	1.653	260	77M7820	75.26

(106001)

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AUTOMATION & PROCESS CONTROL CABLE

**CONTROLNET™ INDUSTRIAL AUTOMATION COAXIAL CABLE**



- Foil/braid/foil/braid shielding for maximum signal integrity and run length
- Fully tested to meet the requirements of the ControlNet physical layer specification
- Superior quality to improve system reliability
- UL listed, CE compliant

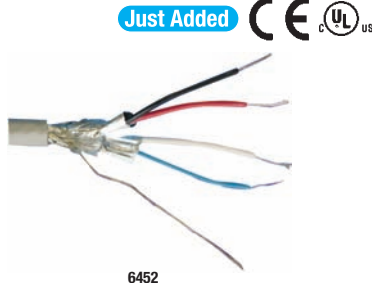
**Just Added**

ControlNet™ cable is low-loss RG-6/U type coax designed to meet the high-speed, time-critical requirements necessary for the operation of modern ControlNet factory-floor automation systems. Feature 18 AWG solid copper-plated steel conductor, foam polyethylene insulation and black sunlight-resistant PVC jacket. Industry approvals: UL: CL2R CMR; CSA: CMG FT4. **Sold in spools sizes indicated in table below.**

Mfg. Part No.	RG/U	AWG	Jacket O.D. (mm)	Imped. (Ohms)	Spool Size (Ft.)	Stock No.	Price per Spool
● 6458 BK005	6	18	7.57	75	100	34P0716	103.63
● 6458 BK002	6	18	7.57	75	500	34P0715	370.10
● 6458 BK001	6	18	7.57	75	1000	34P0714	666.14

ControlNet™ is a trademark of ControlNet International, LTD (136934)

**DEVICENET™ INDUSTRIAL AUTOMATION SHIELDED PAIRED CABLE**



**Just Added**

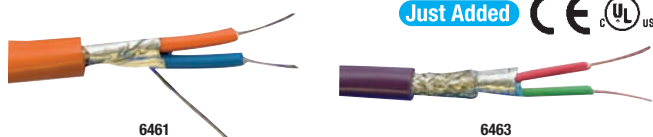
- Fully compliant with ODVA thick and thin specifications
- Allows use of device level diagnostics
- Reduced installation costs compared with traditional "home run" wiring practices
- Complies with Allen-Bradley part nos. 1485 CPI-A and 1485 CPI-C
- High data rates: supports 500kbps @ 100m and 125kbps @ 500m
- Superior quality to improve system reliability
- UL listed, CE compliant

Devicenet™ thick or thin cable provides reliability and performance with the integration of power and data functionality in a single rugged cable that meets ODVA specifications. Features stranded tinned copper power and data conductors, individual foil shield plus 65% tinned copper braid overall, power conductor is PVC insulated, data conductor is FPE insulated, and gray sunlight- and oil-resistant PVC jacket. Rated: 300V Class 2. **Sold in spools sizes indicated in table below.**

Mfg. Part No.	ODVA Specs.	No. of Pairs	Jacket O.D. (mm)	AWG (Stranding)	Spool Size (Ft.)	Stock No.	Price per Spool
● 6451 SL005	Thick	2	12.19	Power: 15 (19x28) Data: 18 (19x30)	100	34P0696	261.44
● 6451 SL002		2	12.19		500	34P0695	1012.38
● 6451 SL001		2	12.19		1000	34P0694	1712.39
● 6452 SL005	Thin	2	7.11	Power: 22 (19x34) Data: 24 (19x36)	100	34P0699	132.73
● 6452 SL002		2	7.11		500	34P0698	514.01
● 6452 SL001		2	7.11		1000	34P0697	869.41

Devicenet™ is a trademark of Open DeviceNet Vendor Association, Inc. (136936)

**FIELDBUS AND PROFIBUS INDUSTRIAL AUTOMATION SHIELDED PAIRED CABLE**



**Just Added**

- Suitable for use in Class 1 Division 2 locations per NEC Article 502
- Complies with IEC 61158 standard
- Superior quality to improve system reliability
- UL listed, CE compliant

Fieldbus and PROFIBUS industrial automation cable meet the ruggedness, performance and quality requirements of Type A, Type B and High Speed Fieldbus and PROFIBUS DP application environments. **Sold in spools sizes indicated in table below.**

**FIELDBUS**

Fieldbus cable features tinned copper conductors, foil shield, and orange sunlight-resistant PVC jacket. Types A and B have polyolefin insulation and High-Speed has foam high-density polyethylene (HDPE) insulation. Industry approvals: UL: PLTC CM, ITC; CSA: CM.

Mfg. Part No.	Type	No. of Pairs	AWG (Stranding)	Jacket O.D. (mm)	Imped. (Ohms)	Spool Size (Ft.)	Stock No.	Price per Spool
● 6459 OR005	A	1	18 (7 x 26)	6.43	100	100	34P0719	72.13
● 6459 OR002	A	1	18 (7 x 26)	6.43	100	500	34P0718	282.99
● 6459 OR001	A	1	18 (7 x 26)	6.43	100	1000	34P0717	498.02
● 6460 OR005	B	1	22 (7 x 30)	4.97	100	100	34P0722	55.89
● 6460 OR002	B	1	22 (7 x 30)	4.97	100	500	34P0721	219.25

▶ CONTINUED ▶

**FIELDBUS AND PROFIBUS INDUSTRIAL AUTOMATION SHIELDED PAIRED CABLE (CONT.)**

Mfg. Part No.	Type	No. of Pairs	AWG (Stranding)	Jacket O.D. (mm)	Imped. (Ohms)	Spool Size (Ft.)	Stock No.	Price per Spool
● 6460 OR001	B	1	22 (7 x 30)	4.97	100	1000	34P0720	385.87
● 6461 OR005	High-Speed	1	22 (7 x 30)	8.92	150	100	34P0725	104.32
● 6461 OR002	High-Speed	1	22 (7 x 30)	8.92	150	500	34P0724	409.29
● 6461 OR001	High-Speed	1	22 (7 x 30)	8.92	150	1000	34P0723	720.33

**PROFIBUS**

PROFIBUS cable features bare copper conductors, foil shield plus 65% tinned copper braid shield, foam high-density polyethylene (HDPE) insulation, and purple sunlight-resistant PVC jacket. Industry approvals: UL: PLTC CMG; CSA: CMG FT4.

● 6462 VI005	DP	1	22 (Solid)	8	150	100	34P0728	136.04
● 6462 VI002	DP	1	22 (Solid)	8	150	500	34P0727	533.74
● 6462 VI001	DP	1	22 (Solid)	8	150	1000	34P0726	798.51
● 6463 VI005	DP	1	22 (7 x 30)	8	150	100	34P0731	157.13
● 6463 VI002	DP	1	22 (7 x 30)	8	150	500	34P0730	616.44
● 6463 VI001	DP	1	22 (7 x 30)	8	150	1000	34P0729	1084.89

(136940)

**INDUSTRIAL TWINAX SHIELDED CABLE**



- Foil/braid shield for maximum signal integrity and run length
- Excellent electrical characteristics
- May be installed in the same tray or conduit as 600V power cable
- Suitable for use with Allen-Bradley Data Highway networks
- Superior quality to improve system reliability
- UL listed, CE compliant

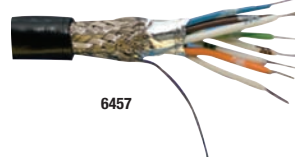
**Just Added**

Industrial twinax cable provides a robust physical media for the transmission of PLC/DCS signals that meet the needs of real-time, high-throughput industrial applications. Features 18 AWG 7x26 stranded tinned copper conductors, foil shield plus 55% tinned copper braid shield, and blue sunlight-resistant PVC jacket. Nominal impedance: 78Ω. Rated: 600V. Industry approvals: UL: TC PLTC CMG, ITC; CSA: CMG FT4. **Sold in spools sizes indicated in table below.**

Mfg. Part No.	No. of Pairs	AWG (Stranding)	Jacket O.D. (mm)	Spool Size (Ft.)	Stock No.	Price per Spool
● 6450 BL005	1	18 (7 x 26)	8.23	100	34P0693	192.58
● 6450 BL002	1	18 (7 x 26)	8.23	500	34P0692	755.83
● 6450 BL001	1	18 (7 x 26)	8.23	1000	34P0691	1333.11

(136939)

**RS-485 INDUSTRIAL AUTOMATION SHIELDED PAIRED CABLE**



- UL type PLTC and CM listed
- Sunlight- and oil-resistant
- Suitable for use in Class 1 Division 2 locations per NEC Article 501
- Superior quality to improve system reliability
- UL listed, CE compliant

**Just Added**

Alpha Wire RS-485 cable brings proven data transmission protocol to the factory floor in a rugged design. Reduces electrical noise sensitivity to keep reliability and performance at world-class levels. Features 22 AWG 7x30 stranded tinned copper conductors, foil shield plus 90% tinned copper braid shield, foam high-density polyethylene (HDPE) insulation and black sunlight- and oil-resistant PVC jacket. Industry approvals: UL: CM PLTC; CSA: CM FT1. Rated: 300V. **Sold in spools sizes indicated in table below.**

Mfg. Part No.	No. of Pairs	Nom. O.D. (mm)	100' Spool		500' Spool		1000' Spool	
			Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 6453	1	7.21	34P0702	105.13	34P0701	404.70	34P0700	707.95
● 6454	1.5	7.62	34P0705	115.42	34P0704	444.23	34P0703	777.09
● 6455	2	9.04	08P3224	245.92	34P0707	804.56	34P0706	1407.43
● 6456	3	10.52	34P0710	281.65	34P0709	921.25	34P0708	1611.54
● 6457	4	11.38	34P0713	269.50	34P0712	1037.34	34P0711	1814.64

(136935)

**Designing a signal acquisition system?**  
See our huge selection of analog & mixed signal semiconductors in this catalog and online.

(148658)

AUTOMATION & PROCESS CONTROL CABLE

RS-485 EIA INDUSTRIAL CABLE — PLTC/CM



Tinned copper 22 AWG (7x30) conductors, twisted pairs, Datalene® insulation, 100% overall Beldfoil® shield plus 90% tinned copper braid, 22 AWG (7x30) stranded tinned copper drain wire and black UV-resistant PVC jacket. Nom. imped.: 120Ω. Nom. cap.: 11.0pF/ft\*\* 36.1pF/m\*\*; 20.0pF/ft.\*\* 65.6pF/m\*\*. Mfg. part nos. 3105A and 3107A are DMX512 Type.



No. of Pairs	Nom. O.D. (In.)	Mfg. Part No.	500' Spool		Mfg. Part No.	1000' Spool	
			Stock No.	Price per Spool		Stock No.	Price per Spool
1	0.284	● 3105A 010500	88K2138	388.61	● 3105A 0101000	66F7739	737.48
1.5	0.300	● 3106A 010500	88K2140	426.54	● 3106A 0101000	88K2139	809.45
2	0.356	...	...	...	● 3107A 0101000	32M6860	1466.10

\*Capacitance between conductors; \*\*Capacitance between one conductor and other conductors connected to shield (6193)

3

DEVICEBUS® PAIRED CABLE FOR ODVA DEVICENET™



All cable features tinned copper conductors, PVC insulation (Power — red/black), foam polyethylene insulation (Data — blue/white) and individual aluminum foil/polyester tape shield plus tinned copper braid. Voltage rating: 300V. Nom. impedance: 120Ω. Nom. capacitance: 12.0pF/ft. Meter marks on jacket aids users in installation. Go online or call for the high-flex version.



Mfg. Part No.	Construction (Stranding)	Jacket	Nom. O.D.	500' Spool		1000' Spool	
				Stock No.	Price per Spool	Stock No.	Price per Spool
3082A*	Thick 1 Pr. 15 AWG (19x28) 1 Pr. 18 AWG (19x30)	Sunlight- and Oil-Resistant Gray PVC	0.480"	88K1371	1089.62	66F7790	2067.80
3084A*	Thin 1 Pr. 22 AWG (19 x 34) 1 Pr. 24 AWG (19x36)	Sunlight- and Oil-Resistant Gray PVC	0.275"	88K1372	604.98	88K2137	1049.93

\*Allen-Bradley P/N 1485 C-PIA (6190)

DEVICENET™ CABLE



7896A

Mfg. part nos. 7896A and 7897A allow end-users to put more power on the network and realize more installation flexibility through more robust rating. Designed for cable tray use and can occupy the same tray or conduit as 600-Volt power cable. Flexible and space efficient, providing for a more economical solution than traditional wiring methods. Total conductors: 4. Total pairs: 2. Tinned copper conductors. Polyvinyl chloride (PVC) jacket. Individual aluminum foil-polyester tape/overall braid shield, type TC, 600V. Mfg. part no. 7896A has PVC/nylon/FRPP insulation, 0.502" nominal outside diameter. Mfg. part no. 7897A has foam dielectric/PVC nylon insulation, 0.440" nominal outside diameter.

Mfg. Part No.	AWG	Stranding	500' Spool		1000' Spool		2000' Spool	
			Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 7896A	16/18	(19 x 29)/(19 x 30)	91C3797	1116.72	91C3795	2119.23	91C3796	5152.14
● 7897A	18/15	(19 x 30)/(19 x 28)	91C3800	1981.06	91C3798	3759.51	91C3799	9139.88

(72658)

DATABUS® ISA/SP-50 FOUNDATION FIELDBUS OR PROFIBUS PAIRED CABLE



Mfg. part no. 3079A Databus® ISA/SP-50 PROFIBUS paired cable features solid bare copper conductors, flame-retardant foam polyethylene insulation, Beldfoil® aluminum foil/polyester tape shield (100%) plus a tinned copper braid shield (65%), and a chrome-color PVC outer jacket. Fitted impedance: 150 ohms. Nominal mutual capacitance @ 1KHz: 8.5pF/ft. Rated: 300V, +75°C, NEC/CEC(UL): PLTC,CMG/CMG.

DATABUS® ISA/SP-50 PROFIBUS PAIRED CABLE

Mfg. Part No.	AWG	Nom. O.D. (In.)	1000' Spool	
			Stock No.	Price per Spool
● 3079A 0601000	22	0.315	88K2136	967.77

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DATABUS® ISA/SP-50 FOUNDATION FIELDBUS OR PROFIBUS PAIRED CABLE (CONT.)

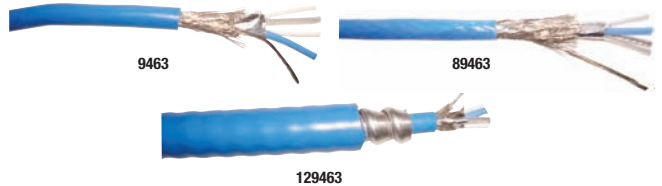
DATABUS® ISA/SP-50 FOUNDATION FIELDBUS OR PROFIBUS PAIRED CABLE

Mfg. part no. 3076F Databus® ISA/SP-50 FOUNDATION Fieldbus or PROFIBUS paired cable features 7x26 stranded tinned copper conductors, polyolefin insulation, Beldfoil® aluminum foil/polyester tape shield (100%) with tinned copper drain wire, and an orange-color PVC outer jacket. Unaveraged impedance: 100 ohms. Nom. mutual capacitance @ 1KHz: 24.0pF/ft. Rated: 300V, +105°C, NEC/CEC(UL): PLTC,CMG,ITC/CM.

Mfg. Part No.	AWG	Nom. O.D. (In.)	250' Spool		500' Spool		1000' Spool	
			Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 3076F	18	0.271	32M6858	153.30	32M6859	294.19	30H1660	513.20

(6192)

INDUSTRIAL TWINAXIAL AND BLUE HOSE™ CABLE FOR PLCs AND DCSS



9463

89463

129463

Industrial twinaxial cable is suitable for programmable logic control systems (PLCs) and distributed control systems (DCSS). Blue Hose™ cable is suitable for Allen-Bradley PLC systems. Two tinned copper conductors. Aluminum foil-polyester tape/braid shield except mfg. part no. 89182, aluminum foil-polyester tape-aluminum foil shield. Mfg. part nos. 9463, 129463, 139463, 89463 have a AWG (Stranding) of 20 (7 x 28) and mfg. part nos. 9182 and 89182 of 22 (19 x 34). All have a nominal impedance of 78Ω, except mfg. part nos. 9182 and 89182 which are 150Ω.

INDUSTRIAL TWINAX CABLE FOR PLCs AND DCSS

Insul. & Nom. Core O.D.	Nom. Cap.	Mfg. Part No.	500' Spool		Mfg. Part No.	1000' Spool	
			Stock No.	Price per Spool		Stock No.	Price per Spool
Polyethylene Clear, Blue 0.150"	19.7	● 9463 J22U500	70B5512	312.49	● 9463 J22U1000	03F5678	593.02
Datalene® Black, Yellow 0.275"	8.8	● 9182 010U500	87K7326	646.63	● 9182 0101000	03F1689	1227.12
Teflon® Blue, White 0.278"	8.8	● 89182 010500	04F5205	2407.71	● 89182 0101000	04F5206	3242.64

BELDEN BLUE HOSE™ CABLE FOR ALLEN-BRADLEY DH, DH+ AND REMOTE I/O SYSTEMS

Mfg. Part No.	Insulation	Jacket	1000' Spool	
			Stock No.	Price per Spool
● 129463 J221000	Polyethylene Blue, Clear	Alum. Armored Blue PVC	66F7725	2121.91
● 139463 J221000	Polyethylene Blue, Clear	STL Armored Blue PVC	66F7727	2184.53
● 89463-1000-006	FEP Blue, Clear	Blue FEP	39C6398	1977.28

(6188)

VARIABLE FREQUENCY DRIVE (VFD) CABLE



- Stranded tinned copper conductors
- Cross-linked polyethylene insulation
- Sunlight- and oil-resistant black PVC outer jacket
- UL voltage rated: 1000V
- UL temperature rated: 90°C wet/dry



29502



29513

Extremely flexible motor supply cable suitable for AC motor drive and variable frequency drive (VFD) applications. Sold in spool quantities indicated in tables below.

FOUR-CONDUCTOR VFD CABLE

Four-conductor VFD cable features three circuit conductors plus one full-size ground and an overall Beldfoil® aluminum foil/polyester tape shield with tinned copper braid and tinned copper drain wire. Max. operating voltage: UL 1000 Vrms (Flexible Motor Supply Cable), 600 Vrms (NEC Type TC-ER per NEC article 336); 1000 Vrms (CSA AWM I/II A/B).

Mfg. Part No.	AWG	Nom. O.D. (In.)	Stranding	100' Spool		500' Spool		1000' Spool	
				Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
29500	16	0.490	26 x 30	18M5588	271.58	83F8563	1123.24	83F8562	2131.59
29501	14	0.560	41 x 30	18M5589	339.00	83F8565	1402.28	88K1364	2661.15
29502	12	0.600	65 x 30	18M5590	424.43	83F8567	1755.52	83F8566	3331.49
29503	10	0.670	105 x 30	18M5591	528.57	83F8568	2186.10	19C3214	4148.62
29504	8	0.910	7 x 19 x 29	...	...	83F8569	3708.24	09C9356	7037.22

▶ CONTINUED ▶



AUTOMATION & PROCESS CONTROL CABLE • COAX CABLE

VARIABLE FREQUENCY DRIVE (VFD) CABLE (CONT.)

FIVE-CONDUCTOR COMPOSITE VFD CABLE

Five-conductor composite VFD cable features one twisted pair (signal) with Beldfoil® aluminum foil/polyester tape shield and stranded tinned copper drain wire, plus three multiconductors (VDF) with Duofoil® aluminum foil/polyester tape/aluminum foil shield plus tinned copper braid and a PVC insulated stranded tinned copper ground wire. Max. operating voltage: UL 1000 Vrms (Flexible Motor Supply Cable), 1000 Vrms (NEC Type TC-ER per NEC article 336); 1000 Vrms (CSA AWM I/II A/B).

Mfg. Part No.	AWG Signal, VFD	Nom. O.D. (in.)	Stranding Signal, VFD	100' Spool		500' Spool		1000' Spool	
				Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
29510	16, 16	0.750	26 x 30, 26 x 30	40M4218	404.99	40M4219	1675.26	30M7204	3179.18
29511	16, 14	0.820	26 x 30, 41 x 30	40M4220	471.62	40M4221	1950.79	30M7205	3702.06
29512	16, 12	0.895	26 x 30, 65 x 30	40M4222	572.34	40M4223	2367.38	30M7206	4492.64
29513	16, 10	0.985	26 x 30, 105 x 30	40M4224	732.16	40M4225	3028.52	30M7207	5747.31

(33077)

PLENUM-RATED COAXIAL CABLE

- UL Standard 13, Type CL2P
- Plenum-Rated for Use without Conduit



Suitable for data, video and RF signal transmission. Use for precise transmission of quick pulse signals and short or long haul signal transmission. Construction for indoor and outdoor installations. Fluoropolymer (FP) jacket except mfg. part nos. 9105, fluorinated ethylene propylene (FEP) and M4213, polyvinyl chloride (PVC) jacket. Suggested operating temperature: -55°C to +125°C for FP jacket, -70°C to +200°C for FEP jacket.

Mfg. Part No.	RG/U	AWG	Conductor	Jacket Dia.	Nom. Cap. (pF/ft.)	Shield	1000' Spool	
							Stock No.	Price per Spool
● 9105	11/U	14	Solid	0.346"	16.5	A/P/A TC 60% Braid	04F5140	4933.06
● 9102	59/U	20	Solid	0.212"	16.5	A/P/A + TC 95% Braid	04F5147	1874.40
● 9159	59 B/U	23	Solid	0.190"	19.5	C Braid	85K9961	2129.28

(6129)

BROADCAST COAXIAL CABLE

Alpha coaxial products are available in a wide variety of impedance grade and RG types. Most are used in voice, video and data applications. Features solid conductors. UL listed. Sold in spools of 1000'.



Mfg. Part No.	RG/U	AWG	Material	Dielectric Material	Copper Shield	Jacket Material	O.D.	Imped. (Ω)	Nom. Cap.	Stock No.	Price per Spool
● 9848 BK001†	58/U	18	Bare Copper Wire	Foam PE	Tinned	Polyvinyl Chloride	0.195"	50	26pF/ft.	02F9874	523.31
● 9830 BK001	59/U	22	Copper-Coated Steel	Solid PE	Bare	Polyvinyl Chloride	0.242"	75	21.6pF/ft.	85K9968	312.87

†MIL-C-17D (6118)

TEFLON® DIELECTRIC COAXIAL CABLE

Suitable for various commercial and industrial applications, these cable feature a 30 AWG 7x3 stranded silver-coated, copper-coated steel conductor and a silver-coated braid shield. UL recognized. Sold in 100' and 1000' spools. 500' spools are also available; go online or call.



RG/U	Dielectric O.D. (in.)	Jacket O.D. (in.)	Imped. Ω	Cap. pF/ft	Mfg. Part No.	100' Spool		Mfg. Part No.	1000' Spool	
						Stock No.	Price per Spool		Stock No.	Price per Spool
178B/U	0.034	0.071	50	28.4	● 9178B CL005†	02F9859	310.51	● 9178B CL001	02F9861	971.88
196A/U	0.034	0.076	53	27.4	● 9196A WH005†	06M4023	239.91	...	...	...

†MIL-C-17D (9895)

COAXIAL CABLE

Alpha coaxial cable is available in a wide variety of impedance grade and RG types. Most are used in voice, video and data applications. UL listed. Sold in 100' and 1000' spools. 500' spools are also available; go online or call.



RG/U	Inner Conductor			Jacket		Imped. Ω	Cap. pF/ft	Shield†	Mfg. Part No.	100' Spool		Mfg. Part No.	1000' Spool	
	AWG	Mat.†	Stranding	Mat.†	O.D.					Stock No.	Price per Spool		Stock No.	Price per Spool
6/U	18	C	Solid	V	0.270	75	17.3	A/P	...	...	...	● 9804C BK001	28B8843	471.02
8A/U	13	C	7/21	NCV	0.405"	52	29.8	C Braid	● 9008A BK005	02F9810	246.16	● 9008A BK001	02F9812	1446.55
55B/U	20	SC	Solid	PE	0.206"	53.5	28.8	Double TC Braid	● 9055B BK005	02F9822	252.95	● 9055B BK001	92F6962	1485.67
58/U	20	C	Solid	V	0.195"	53	28.8	TC Braid	● 9058 BK005*	02F9824	50.92	...	...	...
58A/U	20	TC	19/0.0071	V	0.195"	50	30.8	TC Braid	● 9058A BK005*	06M4020	66.29	● 9058AC-1000*	27M3042	378.35
58C/U	20	TC	19/0.0071	NCV	0.195"	50	30.8	TC Braid	● 9058C BK005	86K9100	125.74	● 9058C BK001	03F3307	520.68
59/U	22	C	7/30	V	0.242"	75	17.3	C Braid	● 9803C BK005	27M3043	154.85	...	...	...
59/U	22	CW	Solid	V	0.242"	75	21.4	BC Braid	● 9059 SL005*	02F9831	78.02	● 9059C BK021	88K1504	348.69
59B/U	23	CW	Solid	NCV	0.242"	75	20.1	C Braid	● 9059B BK005	86K7955	153.37	● 9059B BK001	92F6972	607.95
62A/U	22	CW	Solid	NCV	0.242"	93	13.2	C Braid	● 9062A BK005	02F9838	63.67	● 9062A BK021	03F3310	286.22
174/U	26	CW	7/34	V	0.100"	50	30.8	TC Braid	● 9174 BK005	02F9846	63.24	...	...	...
214/U	13	SC	7/0.0296	NCV	0.425"	50	30.8	Double SC Braid	● 9214 BK005	02F9851	1249.28	● 9214 BK001	85K9965	8072.58
217/U	10	C	Solid	NCV	0.545"	50	30.8	Double C Braid	● 9217 BK005	02F9853	768.18	● 9217 BK001	02F9855	4900.97
223/U	19	SC	Solid	NCV	0.212"	50	30.8	Double SC Braid	● 9223 BK005	02F9856	411.93	...	...	...
Twinaxial	22	TC	19/34	PVC	0.350"	150	8.8	A/P/A	● 9823C BK005	04F3346	220.35	● 9823C BK001	85K9967	1277.59

† C = Bare Copper; TC = Tinned Copper; SC = Silver Coated Copper; CW = Copper Coated Steel; A/P = Aluminum/Polyester Tape; A/P/A = Aluminum/Polyester/Aluminum; PE = Solid Polyethylene; V = Polyvinyl Chloride type 1; NCV = Non-Contaminating Polyvinyl Chloride type 2; all mfg. part nos. are MIL-C-17D except mfg. part no. 9823 and the ones with (\*) which are JAN-C-17A (10023)

COAX CABLE

T1/DS-1 CABLE



T1/DS-1 cable has been designed to meet today's applications in the central office. Suitable for use inside central office buildings or in controlled environment vaults (CEVs), where temperature and humidity are maintained within a relatively constant range. Features 22 AWG solid tinned copper conductors with overall Beldfoil® shield. **Mfg. part nos 7837A and 7838A** are insulated with solid polyolefin for the base and Datalene® foam for the outer layer to enhance electricals and allow for RJ-45 type connections. **Mfg. part nos 7839A and 7840A** are insulated with a flame-retardant polyolefin. Western Electric color coding. Meets requirements of Telcordia specifications. **Sold in spools of 1000'.**

Mfg. Part No.	No. of Pairs	Nom. O.D.	Nom. Cap. (pF/ft.)	Stock No.	Price per Spool
● 7837A 0601000	1	0.202"	14.50	87K6235	234.64
● 7838A 0601000	2	0.360"	14.50	87K1505	457.58
● 7839A 0601000	6	0.380"	16.00	18C5476	803.44
● 7840A 0601000	12	0.475"	16.00	87K1506	1425.85

(66284)

SHIELDED AUDIO CONNECTING CABLE

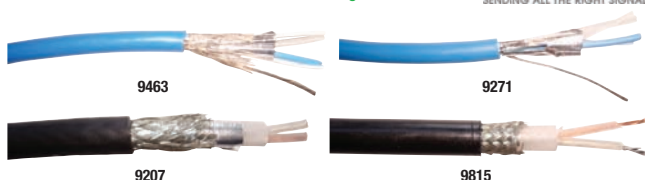


**Mfg. part no. 9454:** 70°C, low-cap. cable with individually tinned copper spiral wrapped shield; 85% coverage. Feature 2-conductor, 30 AWG (7x38) stranding with a nominal outer diameter of 0.160" x 0.320". Cap.: 12pF/ft. **Mfg. part no. 9264** tear-drop, machine strippable 50 ohm coax cable. Feature Uni-strand® conductor, polyethylene insulation, Beldfoil® shield, PVC jacket. 1-conductor, 24 AWG (7x32) stranding with a nominal outer diameter of 0.122" x 0.146". Cap.: 34pF/ft. Passes VW-1 Vertical Wire Flame Test.

Mfg. Part No.	Spool Size	Stock No.	Price per Spool
● 9454 0101000	100'	02F4110	191.44
● 9264 0101000	1000'	02F5446	643.29

(6162)

TWINAXIAL COMPUTER CABLE



AWG (strand): 20 (7x28) except **mfg. part no. 9271** which is 25 (7x33) and **mfg. part no. 9182** which is 22 (19x34). All have a 100% shield except **mfg. part no. 9272** which is 93% and **mfg. part no. 9815** which is 96%.

Mfg. Part No.	Nom. O.D.	Ohms	100' Spool		500' Spool		1000' Spool	
			Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 9272*	0.244"	78	87K7334	102.53	02F4660	410.26	87K7333	778.56
● 9463*±	0.243"	78	03F5677	78.83	70B5512	312.49	03F5678	593.02
● 9207*±	0.330"	100	03F2145	115.02	03F2146	460.24	03F2147	873.41
● 9815	0.330"	100	...	...	03F3946	584.94	03F3947	1110.05
● 9271*•	0.240"	124	87K7332	49.08	02F4666	196.33	87K7331	372.58
● 9182*+++	0.345"	150	...	...	87K7326	646.63	03F1689	1227.12

\*UL recognized; •NEC CM; ±NEC CL2; +++NEC CL2X (6221)

SERIES 6 DIRECT BROADCAST SATELLITE (DBS) COAXIAL CABLE



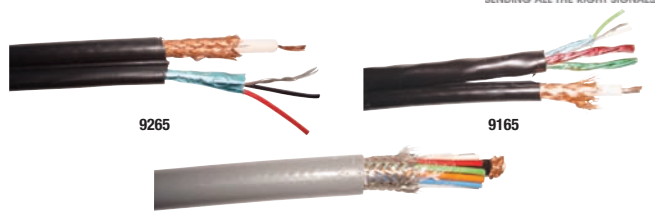
1829A

Direct broadcast satellite (DBS) cable is sweep-tested to 3GHz and meets all requirements for the new frequency spectrum allocated to DBS. All feature solid, bare copper-covered steel conductors except **mfg. part nos. 7915A and 7916A** that are bare copper and **mfg. art no. 1840A** that is bare copper with anticorrosion treatment. All feature gas-injected foam polyethylene insulation and Duobond® II shield with aluminum braid except **mfg. part no. 7915A** that has a Duobond Plus® shield with aluminum braid and **mfg. part no. 7916A** that has a Duobond® IV shield with two aluminum braids. All feature PVC jackets except **mfg. part no. 1843A** that is polyethylene. Nominal impedance: 75±3Ω. Nominal velocity of propagation: 83%. Nominal capacitance: 16.2pF/ft. All pass flame test UL-1685 and **mfg. part no. 1829R** also passes UL1666 Riser. **Sold in spool quantities indicated in table below.**

Mfg. Part No.	No. of Conductors	Nom. O.D. (in.)	Jacket Color	Spool Size (ft.)	Stock No.	Price per Spool
● 1829A 010U1000	1	0.27	Black	1000	95B5034	118.74
● 1829R 010U1000	1	0.27	Black	1000	10K3493	138.95
● 1829R 009U1000	1	0.27	White	1000	10K3492	138.95
● 7915A 010U500	1	0.275	Black	500	30H4357	94.08
● 7915A 010U1000	1	0.275	Black	1000	87K1515	178.53
● 7915A 009U500	1	0.275	White	500	30H4356	94.08
● 7915A 009U1000	1	0.275	White	1000	91C3807	178.53
● 7916A 009U500	1	0.298	White	500	30H4358	94.78
● 7916A 009U1000	1	0.298	White	1000	87K7165	179.86
● 7916A 010U1000	1	0.298	Black	1000	91C3816	179.86
● 1839A 010I1000	1*	0.270	Black	1000	15B2078	154.31
● 1841A 010I1000	2	0.273	Black	1000	87K1171	247.67
● 1840A 010500	2*	0.273	Black	500	30H1361	154.53
● 1840A 0101000	2*	0.273	Black	1000	87K1169	293.26
● 1843A 0101000	2*	0.273	Black	1000	15B2082	283.24

\*Plus 0.045" copper-covered steel static ground (51787)

AUDIO/VIDEO COMPOSITE CABLE



Ideal for audio and video combination applications, external drive signals, tallies, intercom and switching. Composite cable features Z-Fold™, Beldfoil® and tinned copper braid shielding to significantly reduce both internal and external interference. All wire is 22/22 AWG with 7x30 stranding except **mfg. part no. 9262**, 20 AWG with 7x28 stranding and 22 AWG with 7x30 stranding. Coax has polyethylene insulation, regular conductors, PVC. Durable PVC outer jacket for outdoor applications. UL recognized.

ELECTRONIC NEWS GATHERING (ENG) CAMERA CABLE — RG-59/U, NOM. O.D. 0.242" x 0.470"

Mfg. Part No.	Nom. Imp. (Ohms)	No. of Cond.	100' Spool		500' Spool		1000' Spool	
			Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 9265†	35	2 Cond., 1 Pair	...	...	87K1863	519.03	03F2164	982.13
		1 Coax	...	...	...	...	...	...

ELECTRONIC NEWS GATHERING (ENG) AND CLOSED CIRCUIT TV (CCTV) CABLE — RG-59/U, NOM. O.D. 0.290 x 0.561"

● 9165††	35	7 Cond., 3 Pairs	...	...	87K6353	1169.88	03F3435	2220.10
		1 Coax	...	...	...	...	...	...

REMOTE CONTROL AND VIDEO CABLE, NOM. O.D. 0.460"

● 9262††	...	12 Cond	04F8951	789.20	...	...	04F8953	5857.20
		1 Coax	...	...	...	...	...	...

†NEC Type CL2 ††NEC Type CL2X (9222)

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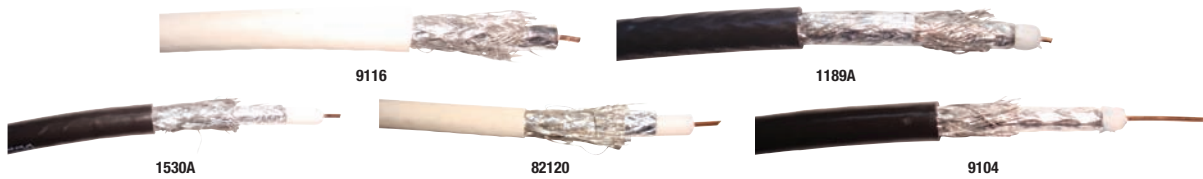
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(148835)

COAX CABLE

BROADBAND CATV/MATV CABLE



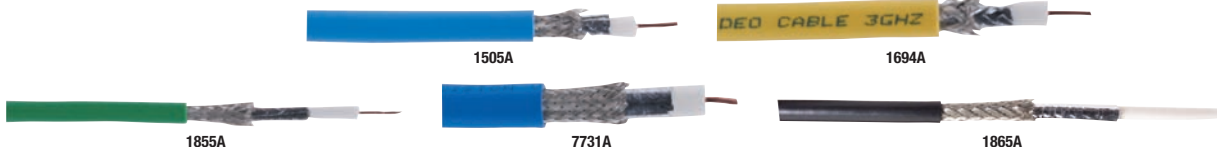
Sold in 1000' spools. Also available in 500ft spools; go online or call.

6 SERIES, 18 AWG SOLID, 75 OHMS IMPEDANCE — RG 6/U

Mfg. Part No.	Nom. O.D. (In.)	Nom. Cap. (pF/ft.)	Insulation†	Shielding	Jacket‡	1000' Spool	
						Stock No.	Price per Spool
● 9116 0101000	0.27	16.2	Polyvinylchloride (PVC)	Duobond II®	Polyvinylchloride (PVC)	87K6352	118.74
● 9116R 0101000*	0.27	16.2	Polyvinylchloride (PVC)	Duobond II®	Polyvinylchloride (PVC)	15B3779	138.95
● 9116P 8771000+	0.235	16.3	Polyvinylchloride (PVC)	Duobond II®	Polyvinylchloride (PVC)	15B3777	709.92
● 9118 0101000	0.275	16.2	Polyvinylchloride (PVC)	Duobond III®	Polyvinylchloride (PVC)	15B3783	143.29
● 1189A 0101000	0.294	16.2	Polyvinylchloride (PVC)	Duobond IV®	Polyvinylchloride (PVC)	05F1782	166.84
● 1613A 0101000	0.275	16.2	Polyvinylchloride (PVC)	Duobond III®	Polyvinylchloride (PVC)	87K1137	159.32
● 1530A 0101000	0.27	16.2	Polyvinylchloride (PVC)	Duobond II®	Polyvinylchloride (PVC)	87K1134	136.61
● 1530A Q5HU1000	0.27	16.2	Polyvinylchloride (PVC)	Duobond II®	Polyvinylchloride (PVC)	87K1131	136.61
● 1530A 010U1000	0.27	16.2	Polyvinylchloride (PVC)	Duobond II®	Polyvinylchloride (PVC)	87K1132	136.61
● 1530A Q5H1000	0.27	16.2	Polyvinylchloride (PVC)	Duobond II®	Polyvinylchloride (PVC)	87K1133	136.61
● 1530AP 8771000+	0.235	16.3	FEP	Duobond II®	FEP	15B1822	928.52
● 1532A 0101000	0.27	16.2	Polyvinylchloride (PVC)	Duobond II®	Polyvinylchloride (PVC)	87K1135	138.95
● 82120 8771000+	0.234	16.5	FEP	Duobond IV®	FEP	87K1547	2080.49
● 89120 0101000+	0.234	16.5	FEP	Duofoil®	FEP	04F3225	2695.38
<b>59 SERIES, 20 AWG SOLID, 75 OHMS IMPEDANCE — RG 59/U</b>							
● 9100 010U1000++	0.237	16.2	Polyvinylchloride (PVC)	Duobond II®	Polyvinylchloride (PVC)	03F2158	98.70
● 9104 010U1000	0.237	16.2	Polyvinylchloride (PVC)	Duobond II®	Polyvinylchloride (PVC)	93B1047	106.22
● 9275 010U1000++	0.237	16.2	Polyvinylchloride (PVC)	Duofoil®	Polyvinylchloride (PVC)	87K1867	91.85
● 82108 877U1000	0.202	16.5	FEP	Duofoil®	FEP	04F6123	1607.38
● 89108 0101000	0.203	16.5	FEP	Duofoil®	FEP	04F3223	2121.74

\*Riser Rated; +Plenum Rated; ++Also Rated for MATV; †FEP: Fluorinated Ethylene Propylene (60473)

BRILLIANCE® 3GHZ, 75-OHM PRECISION VIDEO COAXIAL CABLE FOR DIGITAL AND ANALOG APPLICATIONS



RG/U	AWG (Stranding)	Shield		Nom. O.D. (In.)	Cap. (pF/ft.)	Jacket‡	Insulation‡	Mfg. Part No.	500' Spool		Mfg. Part No.	1000' Spool	
		Foil	Braid*						Stock No.	Price per Spool		Stock No.	Price per Spool
59	25 (10 x 37)	Duofoil®	95% TC	0.150	16.5	PVC	Foam PE	...	...	...	● 1865A 0101000	83F6772	528.73
59	23 (Solid)	Duofoil®	95% TC	0.159	16.5	PVC	Foam PE	● 1855A 010500	87K1173	217.80	● 1855A 0101000	83F6768	478.47
59	23 (7 x 32)	...	96% TC	0.220	20.5	PE	PE	● 8279 010500	87K1577	352.88	● 8279 0101000	02F5652	877.59
59	23 (Solid)	Duofoil®	95% TC	0.220	21.0	PE	PE	● 9209 010U500	05F1942	357.46	● 9209 010U1000	04F8948	673.85
59	22 (7 x 29)	...	98% 2TC	0.304	20.5	PVC	PE	...	...	...	● 8281F J5C1000	04F6352	1274.72
59	20 (Solid)	Duofoil®	95% TC	0.234	16.3	PVC	Foam PE	● 1505A 010500	87K6203	227.48	● 1505A 0101000	04F4525	507.19
59	20 (Solid)	Duofoil®	95% TC	0.196	16.1	FA	Foam FEP	● 1506A-500-877	04F4527	775.72	● 1506A 8771000	04F4528	1472.11
59	20 (Solid)	...	98% 2TC	0.305	20.5	PE	PE	● 8281 010500	02F4219	541.56	● 8281 0101000	02F6099	1027.72
59	20 (Solid)	...	98% 2TC	0.305	20.5	PVC	Foam PE	...	...	...	● 8281B-1000-10	03F7148	1166.50
59	20 (Solid)	...	98% 2TC	0.271	19.5	PVDF	FEP	● 88281 010500	87K1815	2133.74	● 88281 0101000	04F3227	4049.25
6	18 (Solid)	Duofoil®	95% TC	0.275	16.2	PVC	Foam PE	● 1694A 010500	04F6730	264.94	● 1694A 0101000	04F6727	528.06
6	19 (7 x 27)	...	99% 2TC	0.276	16.2	PVC	Foam PE	...	...	...	● 1694F B591000	10M8769	781.40
6	18 (Solid)	Duofoil®	95% TC	0.234	16.2	FA	Foam FEP	● 1695A 877500	87K1148	890.56	● 1695A 8771000	04F6724	1690.04
11	0.064 (Solid)	Duofoil®	95% TC	0.400	16.0	PVC	Foam PE	● 7731A 010500	83F6771	688.87	● 7731A 0101000	83F6770	1307.28

\*Braid: TC= Tinned Copper; †Jacket: PVC= Polyvinyl Chloride, PE= Polyethylene, FA= Flamearrest®, PVDF= Fluorocopolymer; ‡Insulation: PE= Polyethylene, FEP= Fluorinated Ethylene Propylene (60178)

75-OHM ANALOG BROADCAST COAXIAL CABLE



9221

RG/U	AWG (Stranding)	Nom. O.D. (In.)	Nom. Cap. (pF/ft.)	Braid	Insulation	Jacket**	Mfg. Part No.	500' Spool		Mfg. Part No.	1000' Spool	
								Stock No.	Price per Spool		Stock No.	Price per Spool
Mini	30 (7 x 38)	0.97	17.3	89% TC	Foam PE	PVC	● 9221 010U500	03F2625	240.86	...	...	...
Mini	27 (7 x 35)	0.15	20.5	93% TC	PE	PVC	● 8218 010U500	02F6037	245.61	● 8218 010U1000	02F6038	466.10
59/U	23 (Solid)	0.242	20.4	95% BC	PE	PVC	● 8241 010U500	87K1564	175.65	● 8241 010U1000	02F4187	322.82
59/U	23 (Solid)	0.242	20.5	95% BC	PE	PVCNC	...	...	...	● 8263 010U1000	87K1571	622.08

➔ CONTINUED ➔

COAX CABLE

75-OHM ANALOG BROADCAST COAXIAL CABLE (CONT.)

RG/U	AWG (Stranding)	Nom. O.D. (in.)	Nom. Cap. (pF/ft.)	Braid	Insulation	Jacket**	Mfg. Part No.	500' Spool		Mfg. Part No.	1000' Spool	
								Stock No.	Price per Spool		Stock No.	Price per Spool
59/U	22 (7 x 30)	0.241	17.3	95% BC	Foam PE	PVC	9259 010U500*	03F1348	222.56	9259 010U1000*	03F1349	422.35
59/U	22 (Solid)	0.242	19.4	85% BC	PE	PVC	...	...	...	9244 010U1000	03F2162	380.26
59/U	20 (Solid)	0.24	17.3	95% BC	Foam PE	PVC	9274 010500	87K1866	241.92	...	...	...
59/U	20 (Solid)	0.242	17.3	95% BC	Foam PE	PE	8212 010U500	02F6034	416.07	8212 010U1000	87K1546	785.41
6/U	18 (Solid)	0.288	16.8	98% 2BC	Foam PE	PVC	...	...	...	9290-1000-10	87K1868	993.32
6/U	18 (Solid)	0.27	16.2	61% TC	Foam PE	PVC	9248 010U500	04F3325	238.04	9248 010U1000	04F3326	451.74
11/U	14 (Solid)	0.405	16.1	61% TC	Foam PE	PVC	...	...	...	9292 0101000	87K1869	826.65
11/U	14 (Solid)	...	...	97% BC	...	...	8213 010500	87K1549	659.21	8213 0101000	87K1548	1248.50

\*For CATV applications; \*\*PVC: polyvinyl chloride, PE: polyethylene, PVCNC: polyvinyl chloride non-contaminating (60177)

3

PLENUM COAXIAL CABLE — 75°C

For computer, instrumentation and broadcast. All are solid one conductor except mfg. part no 82259, which is 7x30 stranded. All are NEC Article 800, Type CMP and CSA PCC FT4/FT6 Rated. Flam arrest® jacket. Color: natural. UL listed.

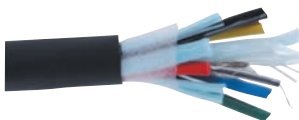


82907

Mfg. Part No.	RG/U	AWG	Nom. O.D.	Nom. Imp. (Ohms)	Nom. Cap. (pF/ft.)	Insulation	Shielding	Application	1000' Spool	
									Stock No.	Price per Spool
82248 877U1000	6/U	18	0.226"	75	16.5	Foam FEP	Aluminum Foil-Polyester Tape-Aluminum Foil/Braid Shield	Analog Video	87K1557	1535.57
82907 8771000	58/U	20‡	0.160"	50	25.4	Foam FEP	Bonded Aluminum Foil-Polyester Tape-Aluminum Foil/Braid Shield	Computers, Instrumentation, Trunk	04F8662	761.69
82240 877U1000	58/U	20	0.159"	53	27.5	FEP	Braid	Transmission, Computer	04F6116	1197.56
82241 877U1000	59/U	23	0.192"	75	19.5	FEP	Braid	Analog Video	04F6118	1621.41
82262 877U1000	62/U	22	0.204"	93	12.5	Foam FEP	Braid	Computers, Instrumentation	04F6121	1169.67
82259 877U1000	59/U	22	0.193"	75	17.3	Foam FEP	Braid	Analog Video	87K1558	1673.01

‡Stranding is 19x32 (6173)

BRILLIANCE® MINI HIGH-RESOLUTION COMPONENT BUNDLED COAXIAL VIDEO CABLE



Suitable for indoor video applications, this 75-ohm jacketed coaxial cable is available 3, 4, 5 and 6 bundle versions. Maximum operating voltage: 300Vrms. 25 AWG solid conductors (each coax). Foam PE insulation with Duofoil® and tinned copper braid shields. PVC outer jacket with ripcord underneath. Flame resistance rated: UL-1666. Temperature rating: -20° to +75°C. Ideal for use with Belden's mfg. part no. 1B25A 75-ohm BNC connectors and mfg. part no. 1R25A RCA connectors, ordered separately; go online or call. Sold in 500' and 1000' spools.

NON-PLENUM

Mfg. Part No.	No. of Conductors	Jacket Color	Nom. O.D. (in.)	Spool Size (Ft.)	Stock No.	Price per Spool
1277R B591000	3	Black	0.32	1000	06M3864	1197.56
1278R B59500	4	Black	0.351	500	06M3866	802.74
1280R B59500	6	Black	0.423	500	06M3870	934.04
1280R B591000	6	Black	0.423	1000	06M3869	1772.54

PLENUM

1277P 008500	3	Gray	0.283	500	10K1634	679.28
1277P 0081000	3	Gray	0.283	1000	11J6367	1282.56
1278P 008500	4	Gray	0.313	500	10K1646	697.32
1278P 0081000	4	Gray	0.313	1000	10K1645	1459.92
1279P 008500	5	Gray	0.36	500	10K1655	1068.50
1279P 0081000	5	Gray	0.36	1000	11J6364	1457.41
1279P 010500	5	Gray	0.36	500	10K1657	1068.50
1279P 0101000	5	Gray	0.36	1000	10K1656	1457.41
1280P 008500	6	Gray	0.381	500	10K1665	1295.72
1280P 0081000	6	Gray	0.381	1000	10K1664	2458.91

(77670)

VIDEO TRIAX CABLE



1858A

8233

Used to interconnect video cameras to related equipment. Also suitable for digital camera triax applications. Isolated shields allow the triax to provide multiple functions over one cable through multiplexing techniques. RG-11 types have lower losses for longer runs, while RG-59 types are smaller and generally more flexible. All feature two bare copper braided shields. Sold in 500' spools. Also available in 1000' spools; go online or call.

Mfg. Part No.	RG/U	AWG (Stranding)	Shield Coverage	Nom. O.D. (in.)	500' Spool	
					Stock No.	Price per Spool
9232 010500	11	15 (19x27)	90%	0.52	03F2152	1699.46
1858A B59500*	11	15 (19x27)	95%	0.52	15B2121	1156.41
1859A-500-10+	11	15 (19x27)	95%	0.406	19C6346	3356.94
8232 010500	59	20 (Solid)	80/95%	0.315	03F2154	647.77
8233 010500	11	14 Solid	95%	0.475	87K1560	868.39
1857A B59500*	59	22 (19x34)	95%	0.36	15B2109	826.59

\*High-flex version; +Plenum rated (5872)

BRILLIANCE® LOW LOSS VHF-UHF 50-OHM COAXIAL CABLE



AWG (Stranding): 10 (Solid). Both are RG-8/U. Coaxial computer cable. 50-ohm transmission.



10 AWG, SOLID STRANDING

Mfg. Part No.	Nom. O.D.	Nom. Cap. (pF/ft.)	100' Spool		500' Spool		1000' Spool	
			Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
9913#	0.405"	24.60	87K7406	142.53	03F3938	564.96	03F3939	1072.14
9914*‡	0.403"	24.80	...	...	54K2868	612.48	03F3942	1162.32
9913F7*	0.405"	24.60	18C0623	161.19	19C5531	639.15	...	...

\*UL recognized; ‡NEC CL2; \*high-flex stranded conductor; #plenum version available; go online or call (6214)

Expert technical support

Chat online to our team of engineers, or connect to them through your representative.

(148838)

COAX CABLE

LOW-LOSS 50-OHM WIRELESS RF TRANSMISSION COAXIAL CABLE



Transmission cable is designed for applications in radio, cellular telecom, TV, satellite, microwave and other 2-way communications systems. Ideal for indoor, outdoor and aerial applications. Feature solid bare-copper conductor except mfg. part nos. 7810A, 7810R, 7976R and 7977R which are solid bare copper-covered aluminum. All have foam high-density polyethylene insulation except mfg. part no. 7805 which is solid polyethylene. All have Duobond II<sup>®</sup> shielding plus a tinned-copper braid except mfg. part nos. 7805 and 7805R which have a Beldfoil<sup>®</sup> shield plus tinned copper braid and mfg. part nos. 7806A, 7806R, 7807A and 7807R which have a Duofoil<sup>®</sup> shield plus tinned copper braid. Mfg. part nos. with an A suffix have a black polyethylene jacket. Mfg. part no. 7805 and those with an R suffix have a black PVC jacket except mfg. part no. 7805R which is gray. Sold in spools of 500' and 1000'.

RG-174, SERIES TYPE RF100, 25 AWG\*, 24.5 AWG+ 100' spools are available for mfg. part nos. 7805 and 7805R. go online or call.

Table with columns: Mfg. Part No., Nom. O.D. (in.), Nom. Cap. (pF/ft.), 500' Spool (Stock No., Price per Spool), 1000' Spool (Stock No., Price per Spool). Rows include 7805\* and 7805R+.

RG-58, SERIES TYPE RF195, 19 AWG Table with columns: Mfg. Part No., Nom. O.D. (in.), Nom. Cap. (pF/ft.), 500' Spool (Stock No., Price per Spool), 1000' Spool (Stock No., Price per Spool). Rows include 7806A and 7806R.

RG-58, SERIES TYPE RF200, 17 AWG Table with columns: Mfg. Part No., Nom. O.D. (in.), Nom. Cap. (pF/ft.), 500' Spool (Stock No., Price per Spool), 1000' Spool (Stock No., Price per Spool). Rows include 7807A and 7807R.

RG-8X, SERIES TYPE RF240, 15 AWG Table with columns: Mfg. Part No., Nom. O.D. (in.), Nom. Cap. (pF/ft.), 500' Spool (Stock No., Price per Spool), 1000' Spool (Stock No., Price per Spool). Rows include 7808A and 7808R.

INTERMEDIATE, SERIES TYPE RF300, 13 AWG Table with columns: Mfg. Part No., Nom. O.D. (in.), Nom. Cap. (pF/ft.), 500' Spool (Stock No., Price per Spool), 1000' Spool (Stock No., Price per Spool). Rows include 7809A and 7809R.

RG-8, SERIES TYPE RF400, 10 AWG Table with columns: Mfg. Part No., Nom. O.D. (in.), Nom. Cap. (pF/ft.), 500' Spool (Stock No., Price per Spool), 1000' Spool (Stock No., Price per Spool). Rows include 7810A and 7810R.

SERIES TYPE RF500, 7 AWG Table with columns: Mfg. Part No., Nom. O.D. (in.), Nom. Cap. (pF/ft.), 500' Spool (Stock No., Price per Spool), 1000' Spool (Stock No., Price per Spool). Row includes 7976R.

SERIES TYPE RF600, 5.5 AWG Table with columns: Mfg. Part No., Nom. O.D. (in.), Nom. Cap. (pF/ft.), 500' Spool (Stock No., Price per Spool), 1000' Spool (Stock No., Price per Spool). Row includes 7977R.

50-OHM TRANSMISSION COMPUTER COAXIAL CABLE



Just Added



8216

All cable features polyethylene insulation except mfg. part nos. 8214, 9258, 9311 and 9907 which are foam polyethylene.

Table with columns: Mfg. Part No., RG/U, AWG (Strand), Braid Shield +, Nom. O.D. (in.), Nom. Cap. (pF/ft.), 500' Spool (Stock No., Price per Spool), 1000' Spool (Stock No., Price per Spool). Multiple rows listing various part numbers.

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50-OHM TRANSMISSION COMPUTER COAXIAL CABLE (CONT.)

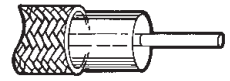
Table with columns: Mfg. Part No., RG/U, AWG (Strand), Braid Shield +, Nom. O.D. (in.), Nom. Cap. (pF/ft.), 500' Spool (Stock No., Price per Spool), 1000' Spool (Stock No., Price per Spool). Rows include 8267 and 8214.

†Polyvinyl chloride (PVC) jacket; ‡Polyvinyl chloride non-contaminating jacket; \*\*Meets MIL-C-17G specifications; +Braid Shield: TC = tinned-copper, TC\* = tinned-copper plus Duobond<sup>®</sup> II shield, BC = bare copper, 2SCC = double silver-plated copper (60272)

CONFORMABLE COAXIAL CABLE



1-conductor, conformable coaxial cable is an alternative to semiflexible and flexible coax for black box applications involving internal, head-end wiring of electronic equipment, delay lines, and high-frequency microwave applications. All have TFE Teflon<sup>®</sup> core insulation and copper-tin composite shield. 100% shield coverage. Suffix J in mfg. part no. number indicates unjacketed. Sold in 100' and 500' spools.



50Ω MICROWAVE CABLE

Table with columns: Mfg. Part No., RG/U / MIL, AWG (Strand), Nom. O.D., Nom. Cap., 100' Spool (Stock No., Price per Spool). Rows include 1671J, 1671A, 1673J, 1673A, and 1674A.

75Ω HIGH-FREQUENCY VIDEO CABLE

Table with columns: Mfg. Part No., RG/U / MIL, AWG (Strand), Nom. O.D., Nom. Cap., 500' Spool (Stock No., Price per Spool). Row includes 1672J.

HIGH-TEMPERATURE MIL-C-17 SHIELDED COAXIAL CABLE — 200° TFE



83242

AWG (strand): mfg. part no. 83242: 18 (solid), mfg. part no. 83284 and 83269: 26 (7 x .0067) and all others are 30 (7 x .38). All are 50 ohms except mfg. part no. 83267 and 83264 which are 75 ohms and mfg. part no. 83266 which is 95 ohms. Mfg. part nos 83242, 83269, and 83265 have a 96% shield; all other types are 95%.

Table with columns: Mfg. Part No., Nom. O.D. (in.), Nom. Cap. (pF/ft.), RG/U, 100' Spool (Stock No., Price per Spool), 500' Spool (Stock No., Price per Spool). Rows include 83242, 83284, 83269, 83265\*, 83267, and 83264.

\*M17/169-00001; †MIL-C-17D; ‡MIL-C-17GQP; Passes VW-1 Vertical Wire Flame Test (6220)

LOW TRIBOELECTRIC NOISE SHIELDED COAXIAL CABLE



Polyvinyl chloride jacket. Nominal impedance: 50Ω. NOTE: Not recommended for RF use. Mfg. part no. 9239 has solid polyethylene/conductive polyvinyl chloride insulation and RG-174/U. Mfg. part no. 9223 has conductive polyethylene/polyethylene insulation and RG-58/U.

Table with columns: Mfg. Part No., AWG (Strand), Nom. O.D. (in.), Nom. Cap. (pF/ft.), 100' Spool (Stock No., Price per Spool), 500' Spool (Stock No., Price per Spool), 1000' Spool (Stock No., Price per Spool). Rows include 9239 and 9223.

COAX CABLE • DATA/COMMUNICATION, CONTROL & INSTRUMENTATION CABLE

PRO VIDEO COAX BROADCAST CABLE AND COMPRESSION KIT



WEST PENN WIRE



6350



TLSNSTK

- Cable Features: Overall shielded 100% Bifoil, 95% tinned copper braid, Nominal Capacitance conductor to shield: 16.2pF/ft, Nominal Impedance: 75Ω, Sold in 1000' spools

Mfg. part no. 6350, gas injected PE Dielectric, .180". Meets 300V requirements as specified in Section 800 and 725 NEC. UL listed NEC type CMR as defined in Article 800. Mfg. part no. 256350, foam FEP Dielectric, .170". Complies with UL910 Test and is UL listed NEC type CMP. Mfg. part no. TLSNSTK contains F, BNC and RCA connectors, crimp tool and strip tool.

Table with 5 columns: Mfg. Part No., Description, Con-ductors, AWG, Stock No., Price per Spool. Lists parts 6350 and 256350.

COMPRESSION SEAL TOOL KIT

Table with 4 columns: Mfg. Part No., Description, Stock No., Price Each. Lists TLSNSTK kit.

(84943)

MULTICONDUCTOR UNSHIELDED CABLE — 300 VOLT



- Color-coded PVC insulation, 0.010" (0.254) thick, Gray PVC jacket, 0.032" (0.813) thick, Passes UL VW-1 flame test, -20°C to 80°C - AWM, 75°C - CM, UL Type CM, AWM 2576, 2509 CSA, CMG FT4, UL listed, CSA certified



Sold in 100' and 1000' spools. 500' spools are also available; go online or call.

UL TYPE CM 22 AWG, 7 x 30 STRANDED CONDUCTORS — UL 2576

Table with 7 columns: No. of Cond., Nom. O.D. (in.), Mfg. Part No., 100' Spool (Stock No., Price per Spool), Mfg. Part No., 1000' Spool (Stock No., Price per Spool). Lists various cable part numbers.

\*0.035" jacket thickness

UL TYPE CM 20 AWG, 7 x 28 STRANDED CONDUCTORS — UL 2509

Insulation thickness: 0.016" (0.41) and jacket thickness: 0.020" (0.51).

Table with 7 columns: No. of Cond., Nom. O.D. (in.), Mfg. Part No., 100' Spool (Stock No., Price per Spool), Mfg. Part No., 1000' Spool (Stock No., Price per Spool). Lists various cable part numbers.

CONTINUED

MULTICONDUCTOR UNSHIELDED CABLE — 300 VOLT (CONT.)

Table with 7 columns: No. of Cond., Nom. O.D. (in.), Mfg. Part No., 100' Spool (Stock No., Price per Spool), Mfg. Part No., 1000' Spool (Stock No., Price per Spool). Lists various cable part numbers.

\*\*0.023" jacket thickness; +0.030" jacket thickness

NEC TYPE CM 18 AWG, 16 x 30 STRANDED CONDUCTORS — UL 2509

Insulation thickness: 0.016" (0.41) and jacket thickness: 0.020" (0.51).

Table with 7 columns: No. of Cond., Nom. O.D. (in.), Mfg. Part No., 100' Spool (Stock No., Price per Spool), Mfg. Part No., 1000' Spool (Stock No., Price per Spool). Lists various cable part numbers.

++0.025" jacket thickness; +0.030" jacket thickness; ††0.035" jacket thickness

UL TYPE CM 16 AWG, 19 x 0.0117 STRANDED CONDUCTORS — UL 2509

Insulation thickness: 0.016" (0.41) and jacket thickness: 0.020" (0.51).

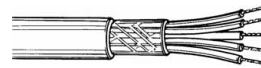
Table with 7 columns: No. of Cond., Nom. O.D. (in.), Mfg. Part No., 100' Spool (Stock No., Price per Spool), Mfg. Part No., 1000' Spool (Stock No., Price per Spool). Lists various cable part numbers.

(9896)

MULTICONDUCTOR UNSHIELDED CABLE — 600 VOLT



- UL 2463, -20°C to 80°C, Passes UL VW-1 flame test, UL recognized



Features stranded tinned copper conductors, PVC insulation, clear polyester wrap and gray PVC jacket. Sold in 100' and 1000' spools. 500' spools are also available; go online or call.

16 AWG, 19 x 0.0117 STRANDED CONDUCTORS

Table with 7 columns: No. of Cond., Nom. O.D. (in.), Mfg. Part No., 100' Spool (Stock No., Price per Spool), Mfg. Part No., 1000' Spool (Stock No., Price per Spool). Lists various cable part numbers.

14 AWG, 19 x 0.0147 STRANDED CONDUCTORS

Table with 7 columns: No. of Cond., Nom. O.D. (in.), Mfg. Part No., 100' Spool (Stock No., Price per Spool), Mfg. Part No., 1000' Spool (Stock No., Price per Spool). Lists various cable part numbers.

(6141)

MULTICONDUCTOR IRRADIATED PVC UNSHIELDED CABLE



Multiconductor cable features stranded tinned copper conductors, color-coded irradiated PVC insulation and white PVC jacket. Operating temperature: -55°C to 105°C (UL: 80°C). Voltage rating: 600V. UL AWM 2576. MIL-DTL-16878/1 (conductors only). Passes UL VW-1 flame test. UL recognized.

Table with 6 columns: Mfg. Part No., No. of Cond., AWG (Stranding), Nom. O.D. (in.), 100' Spool (Stock No., Price per Spool). Lists various cable part numbers.

(34170)











DATA/COMMUNICATION, CONTROL & INSTRUMENTATION CABLE

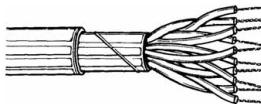
MULTICONDUCTOR, FOIL/BRAID-SHIELDED CABLE (CONT.)

Table with columns: No. of Cond., Nom. O.D. (in.), Mfg. Part No., Stock No., Price per Spool, Mfg. Part No., Stock No., Price per Spool. Includes sections for 22 AWG, 7 x 30 STRANDED, 0.010" INSULATION THICKNESS, 0.032" JACKET THICKNESS and 24 AWG, 7 x 32 STRANDED, 0.016" INSULATION THICKNESS, 0.035" JACKET THICKNESS.

\*0.053" jacket thickness
24 AWG, 7 x 32 STRANDED, 0.016" INSULATION THICKNESS, 0.035" JACKET THICKNESS
Nominal capacitance (CDR to CDR); 12pF/ft. Insulation: color coded foam polyethylene. Operating voltage: 300V(CM), 30V (AWM). UL listed type CM, UL recognized AWM style 2919; CSA certified CMH FT1.

Table with columns: No. of Cond., Nom. O.D. (in.), Mfg. Part No., Stock No., Price per Spool, Mfg. Part No., Stock No., Price per Spool. Includes section for 24 AWG, 7 x 32 STRANDED, 0.016" INSULATION THICKNESS, 0.035" JACKET THICKNESS.

MULTIPAIR, FOIL-SHIELDED LOW-CAPACITANCE CABLE



Features lower dielectric constant, resulting in low loss, lower signal distortion, faster speeds and higher data rates. Capacitance of 12.5pF per foot allows for longer transmission lengths. Stranded tinned copper conductor. Color-coded cellular (foam) polypropylene insulation. Polyester aluminum foil shield. Gray PVC jacket. 300V - CM, 30V - AWM. Applications: computer interconnects, EIA RS-232, RS-422, CAD/CAM systems, and in areas where high levels of noise interference are anticipated. Temperature range: -20°C to +80°C - AWM, 75°C - CM. 100 Ohms. UL Type CM, AWM 2919, CSA CMG FT4. Passes UL VW-1 flame test. Sold in spools of 1000'.

24 AWG, 7 x 32 TINNED COPPER, INSULATION THICKNESS 0.016"

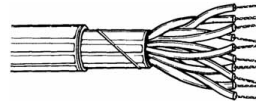
Table with columns: Mfg. Part No., No. of Pairs, O.D. (in.), Stock No., Price per Spool

22 AWG, 7 x 30 TINNED COPPER, INSULATION THICKNESS 0.020"

Table with columns: Mfg. Part No., No. of Pairs, O.D. (in.), Stock No., Price per Spool

(6180)

MULTIPAIR FOIL-SHIELDED CABLE

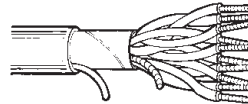


22 AWG solid tinned copper conductors with color-coded PVC insulation. Shield is aluminum/polyester tape with foil facing inward. Drain wire: 24 AWG, 7 x 32 tinned copper. Voltage rating: 300V. Temperature range: -20°C to +80°C-AWM (75°C-CM). Gray PVC jacket. Passes UL VW-1 flame test. UL listed, Type CM, CSA certified, CMG FT4. Sold in 500' and 1000' spools. Also available in 100' spools; go online or call.

Table with columns: No. of Pairs, O.D. (in.), Mfg. Part No., Stock No., Price per Spool, Mfg. Part No., Stock No., Price per Spool. Includes section for 22 AWG, 7 x 30 STRANDED, 0.010" INSULATION THICKNESS, 0.032" JACKET THICKNESS.

(9920)

MULTIPAIR FOIL-SHIELDED CABLE



Feature stranded tinned copper conductors, color-coded PVC insulation, aluminum/polyester foil shield and gray PVC jacket. Stranded tinned copper drain wire facilitates ground termination. Insulation thickness: 0.016" (18 AWG), 0.010" (22 and 24 AWG). Operating temperature: -20° to +80°C - AWM, 75°C - CM. Passes UL VW-1 flame test. UL type CM, AWM 2464, 2576, CSA CMG FT4. UL listed, CSA certified.

300 VOLT, 80°C, 24 AWG, 7 x 32 STRANDED, UL 2464, TYPE CM

Table with columns: No. of Pairs, O.D. (in.), Mfg. Part No., Stock No., Price per Spool, Mfg. Part No., Stock No., Price per Spool. Includes section for 300 VOLT, 80°C, 24 AWG, 7 x 32 STRANDED, UL 2464, TYPE CM.

150 VOLT, 80°C, 22 AWG, 7 x 30 STRANDED, UL 2576, NEC TYPE CM

Table with columns: No. of Pairs, O.D. (in.), Mfg. Part No., Stock No., Price per Spool, Mfg. Part No., Stock No., Price per Spool. Includes section for 150 VOLT, 80°C, 22 AWG, 7 x 30 STRANDED, UL 2576, NEC TYPE CM.

300 VOLT, 80°C, 18 AWG, 16 x 30 STRANDED, UL 2464, NEC TYPE CM

Table with columns: No. of Pairs, O.D. (in.), Mfg. Part No., Stock No., Price per Spool, Mfg. Part No., Stock No., Price per Spool. Includes section for 300 VOLT, 80°C, 18 AWG, 16 x 30 STRANDED, UL 2464, NEC TYPE CM.

(6105)



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(148859)









DATA/COMMUNICATION, CONTROL & INSTRUMENTATION CABLE

PLENUM-RATED OVERALL SHIELDED PAIRED CABLE FOR AUDIO, CONTROL, INSTRUMENTATION AND COMPUTER EIA RS232 APPLICATIONS



FEP insulated, stranded tinned copper conductors, twisted pairs, Beldfoil® aluminum-polyester overall shield. 24 AWG stranded tinned copper drain wire. NEC Article 800, Type CMP and CSA certified. PCC FT4/FT6.

No. of Pairs	AWG (Stranding)	Nom. O.D. (in.)	Jacket Color and Material	Mfg. Part No.	100' Spool		Mfg. Part No.	500' Spool		Mfg. Part No.	1000' Spool	
					Stock No.	Price per Spool		Stock No.	Price per Spool		Stock No.	Price per Spool
1	24 (7 X 32)	0.106	Natural Flamarrrest®	...	...	...	...	...	...	● 82641 877U1000	04F6305	854.54
1	24 (7 X 32)	0.106	Red FEP	● 88641 002100	87K6341	159.44	● 88641 002500	87K1818	656.04	● 88641 0021000	03F2960	1244.99
2	24 (7 X 32)	0.162	Natural Flamarrrest®	...	...	...	● 82502 877U500	04F6101	495.97	● 82502 877U1000	04F6102	941.22
3	24 (7 X 32)	0.175	Red FEP	● 89503 002100	03F2970	374.94	● 89503 002500	03F2971	1542.82	● 89503 0021000	03F2972	2927.85
4	24 (7 X 32)	0.193	Natural Flamarrrest	...	...	...	...	...	...	● 82504 877U1000	04F6105	1743.65
4	24 (7 X 32)	0.192	Red FEP	...	...	...	● 89504 002500	04F5199	1483.86	● 89504 0021000	87K1836	2815.96
5	24 (7 X 32)	0.197	Red FEP	● 89505 002100	04F5201	489.35	...	...	...	● 89505 0021000	87K1837	3821.30
1	22 (7 X 30)	0.116	Natural Flamarrrest®	...	...	...	● 82761 877U500	04F6099	329.08	● 82761 877U1000	87K6240	577.66
1	22 (7 X 30)	0.116	Red FEP	● 88761 002100	03F2961	118.79	● 88761 002500	03F2962	487.05	● 88761 0021000	03F2963	1000.84
1	18 (19 X 30)	0.154	Natural Flamarrrest®	...	...	...	● 82760 877U500	04F6097	432.08	● 82760 877U1000	04F6098	819.97
1	18 (19 X 30)	0.15	Red FEP	● 88760 002100	02F6071	133.46	● 88760 002500	02F6072	507.28	● 88760 0021000	02F6073	1042.42

(60276)

3

PAIRED, INDIVIDUALLY SHIELDED PLENUM CABLE FOR AUDIO, CONTROL, AND INSTRUMENTATION

Tinned copper, twisted pairs, individually shielded with Beldfoil® aluminum-polyester shield. 24 AWG stranded tinned copper drain wire. Mfg. part nos. 82723, 82777, and 82778 are Halar insulated. Mfg. part nos. 88723, 88777, and 88778 are FEP insulated. Mfg. part no. 89182 is foamed FEP insulated. Pairs cabled on a common axis to reduce diameter. NEC type CMP, CEC type CMP.



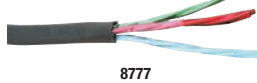
22 AWG; 7 x 30 STRANDING

No. of Pairs	Nom. O.D. (in.)	Nom. Cap. (pF/ft.)	Jacket Color and Material	Mfg. Part No.	100' Spool		Mfg. Part No.	500' Spool		Mfg. Part No.	1000' Spool	
					Stock No.	Price per Spool		Stock No.	Price per Spool		Stock No.	Price per Spool
1	0.307"	8.80	Black FEP	● 89182 010100*	04F5204	422.58	● 89182 010500*	04F5205	2407.71	● 89182 0101000*	04F5206	3242.64
2	0.148"	43.00	Natural Flamarrrest®	...	...	...	● 82723 877U500	04F6174	418.03	● 82723 877U1000	04F6175	858.89
2	0.148"	35.00	Red FEP	● 88723 002100	02F6077	180.42	● 88723 002500	02F6078	742.28	● 88723 0021000	87K1819	1408.65
3	0.234"	35.00	Natural Flamarrrest®	...	...	...	● 82777 877U500	87K1576	781.00	● 82777 877U1000	04F6113	1482.13
3	0.234"	31.00	Red FEP	● 88777 002100	02F6080	325.12	● 88777 002500	02F6081	1337.96	● 88777 0021000	02F6082	2539.07
6	0.311"	35.00	Natural Flamarrrest®	...	...	...	...	...	...	● 82778 877U1000	04F6114	3668.66
6	0.309"	31.00	Red FEP	● 88778 002100	04F5196	708.91	● 88778 002500	06M4017	2917.12	● 88778-1000-2	04F5197	5535.89

\* AWG stranded tinned copper drain wire (60277)

89182

BRILLIANCE® CM RATED AUDIO MULTI-PAIR INDIVIDUALLY SHIELDED CABLE



8777

Tinned copper 22AWG, 7x30 stranded conductors. Twisted pairs, individually Beldfoil® shielded with a Z-Fold™ for greater interference elimination and overall chrome PVC jacket. Polypropylene insulation except mfg. part no. 8768. Nominal capacitance between conductors: 30pF/ft. 30V, 80°C. UL recognized, CSA certified and NEC type CM rated.

Mfg. Part No.	No. of Pairs	Nom. O.D. (in.)	100' Spool		500' Spool		1000' Spool	
			Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 8777	3	0.273	02F5624	89.78	87K7281	387.73	02F6152	735.81
● 8778	6	0.362	87K7282	189.13	02F6153	818.32	87K1808	1436.54
● 8774	9	0.417	87K7276	402.90	02F6155	1612.16	02F6156	3059.44
● 8768	12	0.464	...	...	02F5690	2161.99	02F5691	4102.86
● 8769	19	0.603	87K1803	803.66	02F6162	3215.96	02F6163	6103.02

(6161)

MULTICONDUCTOR UNSHIELDED PLENUM AUDIO, CONTROL AND INSTRUMENTATION CABLE



88444

Tinned copper conductors. Mfg. part nos. 88444 and 88489 are FEP insulated. Mfg. part nos. 82444 and 82489 are Halar insulated. NEC article 800 type CMP. CSA PCC FT4/FT6.

22 AWG (7 x 30) STRANDED TINNED COPPER

Mfg. Part No.	No. of Cond.	Nom. O.D.	Jacket Color/ Material	500' Spool		1000' Spool	
				Stock No.	Price per Spool	Stock No.	Price per Spool
● 82444	4	0.134"	Natural/Flamarrrest®	04F6087*	341.53	04F6088	648.13
● 88444	4	0.121"	Red/FEP	02F6075	475.82	87K1817	902.97

18 AWG (19 x 30) STRANDED TINNED COPPER

● 82489	4	0.175"	Natural/Flamarrrest®	...	...	04F6089	1227.45
● 88489	4	0.161"	Red/FEP	03F2965	1605.56	03F2966	3408.47

\*Unreel packaging (60471)

Designing a power supply? See our huge selection of bench & module voltage regulators in this catalog and online.

(148860)

MULTICONDUCTOR BRAID-SHIELDED COMMUNICATION AND INSTRUMENTATION CABLE—MIL-W-16878D TYPE B CONDUCTORS



9966

9963

Stranded tinned copper conductors, PVC insulated. Clear nylon jacket, tinned copper braid shield. White PVC jacket. Nominal nylon thickness 0.003", except mfg. part nos. 9951-54, which are 0.004" thick. Working voltage: 600V; 105°C. Passes VW-1 Vertical Wire Flame Test.

▶ CONTINUED ▶

DATA/COMMUNICATION, CONTROL & INSTRUMENTATION CABLE

MULTICONDUCTOR BRAID-SHIELDED COMMUNICATION AND INSTRUMENTATION CABLE—MIL-W-16878D TYPE B CONDUCTORS (CONT.)

Mfg. Part No.	No. of Cond.	AWG (Stranding)	Nom. O.D.	100' Spool		500' Spool		1000' Spool	
				Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
9961	1	20 (19x32)	0.109"	...	...	89K0147	344.26	02F5377	653.31
9951	1	16 (19x29)	0.143"	...	...	...	...	87K7457	1212.76
9966	2	22 (19x34)	0.176"	87K2855	115.17	87K7465	460.95	02F5383	874.75
9962	2	20 (19x32)	0.192"	02F5384	138.55	87K7462	554.49	87K7461	1052.27
9952	2	16 (19x29)	0.250"	87K7458	204.32	02F5388	817.79	02F5389	1551.94
9967	3	22 (19x34)	0.184"	02F5390	145.99	...	...	02F5391	1108.55
9963	3	20 (19x32)	0.210"	87K6379	169.24	02F5410	677.08	02F5411	1284.90
9953	3	16 (19x29)	0.264"	02F5392	280.74	02F5393	1123.32	87K7459	2131.76
9968	4	22 (19x34)	0.200"	87K7466	168.45	02F5396	673.82	02F5397	1278.72
9964	4	20 (19x32)	0.226"	87K7463	207.19	87K7464	829.14	02F5400	1573.48
9954	4	16 (19x29)	0.291"	87K7460	352.47	02F5402	1410.47	20M4491	2676.68

MULTICONDUCTOR SHIELDED PLENUM CONTROL CABLE



4-tinned copper conductors. Teflon insulation, 0.007" thickness. 100% Beldfoil shield overall. Red transparent Teflon jacket, 0.015" thickness. 200°C, UL Subject 13 Non-conduit. NEC Article 800, Type CMP. Nominal O. D.: 0.185".

18 AWG; 19 x 30 STRANDING

Mfg. Part No.	100' Spool		500' Spool		1000' Spool	
	Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
89418	03F2967	364.79	03F2968	1501.02	03F2969	2848.52

MULTICONDUCTOR SHIELDED PLENUM AUDIO, CONTROL AND INSTRUMENTATION CABLE



83552

Control and instrumentation cable features tinned copper conductors, Teflon® insulation, 0.007" thickness. Beldfoil® aluminum-polyester shield with 85% tinned copper braid shield overall. Red Teflon® jacket. Use in air plenum non-conduit. 200°C, UL listed, NEC article 800, type CMP, CSA certified.

22 AWG, 7 x 30 STRANDING

No. of Cond.	Nom. O.D.	Mfg. Part No.	500' Spool		Mfg. Part No.	1000' Spool	
			Stock No.	Price per Spool		Stock No.	Price per Spool
2	0.141"	83552 002500	87K1740	1188.88	83552 0021000	87K1739	2256.17
3	0.148"	83553 002500	04F5043	1292.90	83553 0021000	04F5044	2453.57
4	0.159"	83554 002500	04F5045	1479.11	83554 0021000	04F5046	2806.94
6	0.183"	83556 002500	87K1742	1868.86	83556 0021000	04F5049	3546.58
9	0.209"	83559 002500	04F5051	2566.26	83559-1000-2	04F5052	4870.06

20 AWG, 7 x 28 STRANDING

2	0.187"	83602 002500	04F3207	1077.12	83602 0021000	87K1745	2044.08
4	0.178"	83604 002500	87K1746	1771.88	83602 0021000	87K1745	2044.08
6	0.207"	83606 002500	06M4007	2308.89	83606 0021000	04F3214	4744.47

18 AWG, 19 x 30 STRANDING

2	0.175"	83652 002500	04F5069	1742.58	83652 0021000	04F5070	3306.94
3	0.184"	83653 002500	87K1749	2006.14	83653 0021000	04F5073	3807.10
4	0.199"	83654 002500	04F5022	2371.52	83654 0021000	87K1750	4931.67
6	0.234"	83656 002500	04F5025	2663.06	83656 0021000	04F5026	5053.76
12	0.308"	83662 002500	04F5031	4929.68	83662 0021000	04F5032	9355.18

MULTICONDUCTOR SHIELDED AUDIO AND INSTRUMENTATION PVC JACKET CABLE



9770

Tinned copper stranded, non-paired conductors. Polyvinyl chloride jacket. Polyethylene insulated except: **mfg. part no. 9770** polypropylene and paper wrap, and **mfg. part no. 9418** S-R PVC insulated. Beldfoil® aluminum-polyester shield with stranded tinned copper drain wire except **mfg. part no. 8729** which has 3 solid tinned copper-coated steel wires and 1 stranded tinned copper-coated steel drain wire. NEC Type CM except **mfg. part no. 8729**, which is NEC Type CL3. UL recognized except **mfg. part no. 9770**. Other spool sizes available, go online or call.

Mfg. Part No.	No. of Cond.	AWG (Stranding)	Nom. O.D.	Cap. pF/ft.	500' Spool		1000' Spool	
					Stock No.	Price per Spool	Stock No.	Price per Spool
9770	3	22 (7x30)	.145"	32	02F5317	222.12	87K7391	421.51
8771*	3	22 (7x30)	.199"	23	88K2222	194.22	02F4258	368.57
8729**	4	22 (19x34)	.257"	22	87K1795	682.80	87K1794	1295.76
8772*	3	20 (7x28)	.218"	27	02F4259	240.24	87K7275	455.91
8770*	3	18 (16x30)	.246"	24	02F4254	299.47	88K2221	568.31
9418†	4	18 (19x30)	.245"	70	87K7336	386.32	87K7335	733.13
8618††	3	16 (19x29)	.327"	26	06M4011	545.78	02F6172	1035.74

\*UL recognized 2093; 300V, 60°C. \*\*UL recognized 2094; 300V, 60°C. †UL recognized 2464; 300V, 80°C. ††UL recognized 2107; 600V, 60°C.

PLENUM COMPUTER, INSTRUMENTATION AND BROADCAST CABLE — 200° C



89292



88240

All feature solid conductor except **mfg. part no. 89259**, which is 7 x 30 stranded and **mfg. part no. 89907** (thinnet, 10 base 2), which is 19 x 32 stranded. Plenum-rated NEC type CMP except **mfg. part no. 89907** which is NEC type CL2P.

Fluorinated ethylene propylene (FEP) jacket except **mfg. part no. 89907** which has a fluorocopolymer jacket. UL listed. Sold in 500' and 1000' spools. Also available in 100' spools; go online or call.

RG/U	AWG	Nom. O.D.	Imped. (Ohms)	Cap. (pF/ft.)	Insulation	Shield	500' Spool		1000' Spool	
							Mfg. Part No.	Stock No. Price per Spool	Mfg. Part No.	Stock No. Price per Spool
11/U	14	0.348"	75	16.300	Foam FEP	Aluminum Foil-Polyester Tape-Aluminum Foil/Braid	89292 010500	87K1835 2206.34	89292 0101000	87K1834 4187.03
6/U	18	0.222"	75	16.500	Foam FEP		89248 010500	87K6349 1490.28	89248 0101000	04F5530 2828.15
58/U	20	0.160"	50	25.400	Foam FEP	Bonded Aluminum Foil-Polyester Tape-Aluminum Foil/Braid	89907 E4X500	03F6795 466.14	89907 E4X1000	03F6796 884.60
58/U	20	0.159"	53.5	26.400	FEP		88240 010500	87K1813 844.89	88240 0101000	02F6058 1603.37
59/U	22	0.193"	75	17.300	Foam FEP		89259 010500	87K1833 1426.22	89259 0101000	04F5209 2706.57
62/U	22	0.204"	93	12.500	Foam FEP	Braid	86262 009500	03F4221 963.87	...	...
62/U	22	0.200"	93	12.800	FEP		89269 010500	02F6063 875.08	89269 0101000	02F6064 1660.65
59/U	23	0.193"	75	18.900	FEP		88241 010500	87K1814 1013.50	88241 0101000	02F6061 1923.34

(6049)





COMPUTER CABLE

MULTICONDUCTOR UNSHIELDED AUDIO, CONTROL, AND INSTRUMENTATION CABLE (CONT.)

AWG: 16 (19 x 29)

Mfg. Part No.	No. of Cond.	O.D. (in.)	100' Spool		500' Spool		1000' Spool	
			Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 8623	15	0.694	03F1555	876.92	...	...	...	...
● 8624	19	0.74	87K1782	968.79	...	...	...	...
● 9622	25	0.879	02F5350	1258.95	...	...	...	...

AWG: 14 (19 x 27)

Mfg. Part No.	No. of Cond.	O.D. (in.)	100' Spool		500' Spool		1000' Spool	
			Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 8627	4	0.49	02F5342	280.83	...	...	...	...
● 8628	7	0.623	87K1783	484.15	...	...	...	...
● 8629	12	0.824	03F1564	929.09	...	...	...	...

(6045)

LOW-CAPACITANCE, INDIVIDUALLY SHIELDED PAIRED COMPUTER CABLE FOR RS-232 AND RS-422

24 AWG (7 x 32) stranded tinned copper conductors, twisted pairs. Each pair individually shielded with Beldfoil® alum.-polyester shield and stranded tinned copper drain wire. Overall Beldfoil® alum.-polyester shield, 65% tinned-copper braid shield. Chrome PVC jacket 12.5pF/ft. 60°C. UL recognized 2493. All NEC Type CM. Capacitance is 12.5pF/ft.

24 AWG, 7 x 32 STRANDING

Mfg. Part No.	No. of Pairs	Nom. O.D. (in.)	100' Spool		500' Spool		1000' Spool	
			Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 8162	2	0.343	87K1540	170.22	87K1541	681.30	03F4017	1292.92
● 8163	3	0.359	87K1542	222.78	03F4019	891.71	03F4020	1692.22
● 8164	4	0.388	87K2707	272.92	03F4022	1092.08	87K1543	2072.47
● 8165	5	0.413	03F4140	357.70	03F4141	1431.32	03F4142	2716.26
● 8166	6	0.446	03F4143	421.19	03F4144	1685.47	03F4145	3198.56
● 8168	8	0.479	03F4149	550.31	03F4150	2202.03	03F4151	4178.85

(6085)

MULTICONDUCTOR SHIELDED SOUND, BROADCAST, AUDIO, INSTRUMENTATION, AND COMPUTER CABLE



9533

For EIA RS-232 applications. Tinned copper stranded conductors cabled, S-R PVC insulated. Beldfoil® aluminum-polyester shield with stranded tinned copper drain wire. Chrome PVC jacket. UL recognized 2464; 300V, 80°C. CSA certified PCC FT4; NEC Type CM.

24 AWG STRANDED CONDUCTORS (7 x 32) — CAPACITANCE 33pF/ft.

Mfg. Part No.	No. of Cond.	Nom. O.D. (in.)	100' Spool		500' Spool		1000' Spool	
			Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 9533	3	0.162	87K2835	41.87	87K7362	167.47	03F1629	317.81
● 9534	4	0.184	03F1630	41.88	03F1631	180.93	29M7290	343.36
● 9535	5	0.189	03F1633	55.79	03F1634	240.86	03F1635	457.08
● 9536	6	0.209	87K2836	65.38	03F1637	261.80	03F1638	496.83
● 9537	7	0.209	03F1639	74.68	87K7363	322.61	03F1641	612.23
● 9538	8	0.224	87K7365	80.07	87K7364	320.59	03F1644	608.39

24 AWG STRANDED CONDUCTORS (7 x 32) — CAPACITANCE 30pF/ft.

Mfg. Part No.	No. of Cond.	Nom. O.D. (in.)	100' Spool		500' Spool		1000' Spool	
			Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 9539	9	0.244	03F1645	85.57	03F1646	342.24	03F1647	649.47
● 9540	10	0.244	03F1648	85.85	03F1649	370.75	87K7366	703.58
● 9541	15	0.284	03F1651	141.87	03F1652	523.52	03F1653	993.49
● 9542	20	0.314	87K7367	240.89	03F1655	963.96	03F3348	1829.32
● 9543	25	0.339	87K7368	262.22	87K7369	1049.40	03F3350	1991.48
● 9544	30	0.38	87K7370	416.07	03F3351	1664.96	03F3352	3159.64
● 9545	40	0.43	03F1658	544.39	87K7371	2178.44	03F3354	4134.09

(6066)

Designing an embedded control system? See our huge selection of MCUs, MPUs & DSPs in this catalog and online.

(148861)

MULTICONDUCTOR OVERALL FOIL/ BRAID SHIELDED COMPUTER CABLE FOR EIA RS-232 APPLICATIONS



9610

Tinned copper, SR-PVC insulated, multiconductor cable with overall Beldfoil® aluminum-polyester plus 65% tinned copper braid shield. Chrome PVC jacket. Rated 300V, 80°C. UL recognized 2464; CSA PCC FT4; NEC Type CM.

24 AWG STRANDED CONDUCTORS (7 x 32) — MFG. PART NOS. 9608-9610, CAP. 35pF/ft.; MFG. PART NOS. 9611-9619, CAP.30pF/ft.

Mfg. Part No.	No. of Cond.	Nom. O.D.	100' Spool		500' Spool		1000' Spool	
			Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 9608	3	0.190"	03F4215	76.04	03F4216	304.31	03F4217	577.49
● 9609	4	0.200"	03F4045	93.10	03F4046	372.51	03F4047	706.92
● 9610	5	0.215"	03F4048	111.84	03F4049	447.48	03F4050	849.20
● 9611	6	0.225"	87K1905	136.61	03F4052	546.66	03F4053	1037.41
● 9612	7	0.225"	87K1906	158.44	03F4055	634.04	87K1907	1203.24
● 9613	8	0.240"	87K1908	179.79	03F4058	719.40	03F4059	1365.23
● 9614	9	0.253"	87K1909	219.10	03F4061	876.75	03F4062	1663.83
● 9615	10	0.270"	03F4063	278.95	87K1910	1116.28	03F4065	2118.40
● 9616	15	0.300"	03F4170	372.11	03F4171	1488.96	03F4172	2825.64
● 9617	25	0.370"	03F4173	636.16	03F4174	2548.84	03F4175	4831.31
● 9618	37	0.411"	03F4176	1019.15	87K1911	4078.36	03F4178	7739.62

22 AWG STRANDED CONDUCTORS (7 x 30) — MFG. PART NOS. 9939-9941, CAP. 37pF/ft.; MFG. PART NOS. 9942-9950, CAP. 35pF/ft.

Mfg. Part No.	No. of Cond.	Nom. O.D.	100' Spool		500' Spool		1000' Spool	
			Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 9939	3	0.202"	03F4027	68.29	87K7449	273.16	87K7448	518.37
● 9940	4	0.215"	87K2854	84.90	03F4031	339.68	03F4032	644.62
● 9941	5	0.230"	03F4033	100.79	03F4034	372.48	87K7450	765.37
● 9942	6	0.245"	87K7451	113.52	03F4037	454.35	03F4038	862.23
● 9943	7	0.245"	03F4039	132.93	03F4040	531.96	03F4041	1009.52
● 9944	8	0.260"	87K7452	142.90	03F4043	571.83	03F4044	1085.17
● 9945	9	0.280"	03F4197	162.10	03F4198	648.56	03F4199	1230.79
● 9946	10	0.300"	87K7453	178.47	03F4201	714.21	03F4202	1355.38
● 9947	15	0.340"	87K7454	246.74	03F4204	987.28	03F4205	1873.58
● 9948	25	0.410"	87K7455	500.28	03F4207	2002.09	03F4208	3799.42
● 9949	37	0.460"	03F4209	654.02	03F4210	2617.12	03F4211	4966.58

(6067)

LOW-CAPACITANCE, MULTICONDUCTOR OVERALL FOIL/BRAID SHIELDED COMPUTER CABLE FOR EIA RS-232 AND RS-423 APPLICATIONS



Tinned copper, Datalene® insulated, multi-conductor cable with overall Beldfoil® aluminum-polyester plus 65% tinned copper braid shield. 24 AWG stranded tinned copper drain wire. Chrome PVC jacket. Rated 30V, 80°C. UL recognized. Datalene® insulation features low dielectric constant and a dissipation factor for high-speed, low-distortion data handling. 24AWG stranded conductors (7 x 32) 1919, NEC Type CM. Capacitance pF/ft.: 12.

Mfg. Part No.	No. of Cond.	Nom. O.D.	100' Spool		500' Spool		1000' Spool	
			Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 9925	3	0.215"	03F4182	67.99	87K7430	271.84	87K7429	515.87
● 9927	4	0.23	87K7431	81.13	87K7432	324.55	03F4187	667.15
● 9929	5	0.246	03F4188	107.51	03F4189	430.24	03F4190	816.47
● 9931	6	0.265	03F4191	113.41	03F4192	453.82	89K0146	861.22
● 9932	7	0.265	87K7441	122.25	03F4195	489.20	...	...
● 9933	8	0.28	03F4069	126.54	87K7443	506.27	87K7442	960.76
● 9934	9	0.3	87K7444	149.48	87K7445	598.23	03F4074	1135.27
● 9935	10	0.306	87K7446	155.52	03F4076	622.25	03F4077	1180.86
● 9936	15	0.35	03F4078	238.51	03F4079	954.36	03F4080	1811.12
● 9937	25	0.445	03F4081	381.88	03F4082	1528.30	03F4083	2900.29
● 9938	37	0.515	87K7447	641.81	...	...	...	...

(6031)

LOW-CAPACITANCE PAIRED SHIELDED COMPUTER CABLE



8138

8105

Ideally suited for EIA RS-232 and RS-485 applications. Feature twisted paired tinned copper stranded conductors, Datalene® insulated, Beldfoil® aluminum-polyester shield and overall tinned copper braid shield with a stranded tinned copper drain wire. Chrome PVC jacket. Rated: 30V, 80°C. UL recognized 2919.

28 AWG STRANDED CONDUCTORS (7 x 36) UL TYPE 2919, NEC TYPE CL2 — 11.0pF/FT. CAPACITANCE

Mfg. Part No.	No. of Pairs	Nom. O.D.	100' Spool		500' Spool		1000' Spool	
			Stock No.	Each	Stock No.	Each	Stock No.	Each
● 8132	2	0.220"	03F4003	103.42	03F4004	413.87	03F4005	785.41
● 8133	3	0.270"	03F4128	160.64	03F4129	642.93	03F4130	1220.11
● 8135	5	0.300"	03F4134	212.85	...	...	03F4136	1616.23
● 8138	8	0.330"	03F4137	303.59	03F4138	1215.02	03F4139	2305.77

➔ CONTINUED ➔

COMPUTER CABLE • CORDAGE

LOW-CAPACITANCE PAIRED SHIELDED COMPUTER CABLE (CONT.)

Mfg. Part No.	No. of Pairs	Nom. O.D.	100' Spool		500' Spool		1000' Spool	
			Stock No.	Each	Stock No.	Each	Stock No.	Each
● 8148	18	0.465"	03F4009	486.59	03F4010	2178.18	03F4011	4133.59
● 8155	25	0.565"	87K1539	675.57	03F4013	2703.28	03F4014	5130.08

24 AWG STRANDED CONDUCTORS (7 x 32), UL TYPE 2919, NEC TYPE CM — 12.5PF/FT.

Mfg. Part No.	No. of Pairs	Nom. O.D.	100' Spool		500' Spool		1000' Spool	
			Stock No.	Each	Stock No.	Each	Stock No.	Each
● 8102	2	0.270"	87K1525	108.58	03F4111	434.46	03F4112	824.48
● 8103	3	0.279"	03F4113	132.35	87K1526	529.68	03F4115	1005.18
● 8104	4	0.302"	87K1527	160.20	87K1529	641.00	87K1528	1216.43
● 8105	5	0.316"	03F4119	209.04	03F4120	836.44	89K0028	1587.34
● 8106	6	0.341"	03F4122	265.89	03F4123	1064.01	06M4001	2019.20
● 8107	7	0.341"	87K1530	303.59	03F4126	1215.02	03F4127	2305.77
● 8108	8	0.370"	87K1531	314.30	87K1532	1257.70	03F3987	2386.77
● 8112	12-12*	0.440"	06M4002	390.45	03F3992	1562.44	87K1533	2965.09
● 8118	18	0.537"	87K1534	679.71	03F3998	2720.08	03F3999	5161.97
● 8125	25	0.632"	87K1535	1005.70	03F4001	4024.51	03F4002	7637.42

\*12 pair plus 1 single (6034)

INDIVIDUALLY SHIELDED PAIRED LOW CAPACITANCE COMPUTER CABLE FOR EIA RS-422 APPLICATIONS

- Applications:
- AES/EBU
  - Digital Audio Cables
  - Multi-pair Snake Cables

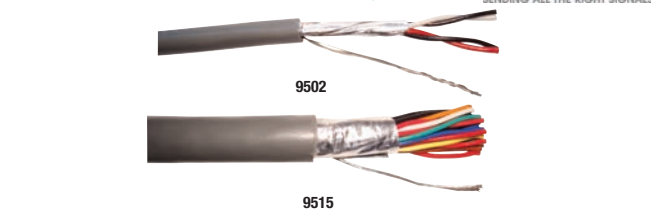
Tinned copper conductors, Beldfoil® aluminum-polyester shield and a stranded tinned copper drain wire. Overall chrome PVC jacket. Datalene® insulated. 300V, 60°C. UL recognized 2493; NEC Type CM. Capacitance: 12.5pF/ft.

24AWG (7 x 32) STRANDED CONDUCTORS

Mfg. Part No.	No. of Pairs	Nom. O.D. (in.)	100' Spool		500' Spool		1000' Spool	
			Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 9729	2	0.317	87K7384	99.00	87K7385	365.88	03F2945	752.01
● 9730	3	0.334	87K6362	148.39	87K2837	593.83	03F1694	1126.92
● 9728	4	0.363	87K6361	197.40	04F8749	789.89	04F8750	1499.00
● 9731	6	0.421	03F1695	304.68	03F1696	1219.24	06M4029	2313.79

(6088)

PAIRED BELDFOIL® SHIELDED RS-232 COMPUTER CABLE



Feature twisted paired tinned copper conductors, PVC insulation and overall Beldfoil® aluminum polyester shield with tinned copper drain wire. Chrome PVC jacket.

24 AWG (7x32) STRANDED CONDUCTORS — UL RECOGNIZED 2464 300V, 80° C. NEC TYPE CM.

Mfg. Part No.	No. of Pairs	Nom. O.D.	Cap. pF/ft	100' Spool		500' Spool		1000' Spool	
				Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 9501	1	0.156"	40	02F4859	32.43	02F4860	129.72	87K7354	246.16
● 9502	2	0.222"	30	02F4862	47.18	02F4863	203.72	02F4864	386.61
● 9503	3	0.232"	30	87K7357	66.33	87K7356	265.41	02F4867	503.68
● 9504	4	0.265"	30	87K7358	81.09	02F4869	324.46	02F4870	615.73
● 9505	5	0.289"	30	02F4871	84.13	02F4872	363.36	02F4873	689.55
● 9506	6	0.289"	30	87K7359	128.25	02F4875	513.22	02F6119	973.95
● 9507	7	0.294"	30	02F4877	134.76	02F4878	539.36	02F6120	1023.55
● 9508	8	0.324"	30	87K7360	153.07	02F4881	612.66	02F6121	1162.66
● 9509	9	0.334"	30	02F4883	170.32	02F4884	681.48	02F6122	1293.25
● 9510	10	0.368"	30	02F4930	191.55	02F4931	766.48	06M4027	1454.57
● 9515	15	0.417"	30	02F4933	286.46	02F6124	1146.47	02F6125	2175.68
● 9519	19	0.448"	30	87K1900	383.16	04F8956	1533.23	15B3888	2909.65
● 9525	25	0.503"	30	02F4936	571.47	87K7361	2286.95	02F6127	4340.00
● 9550	50	0.708"	30	02F4939	1601.33	87K7372	6407.99	02F4941	12160.61

(57681)

3-CONDUCTOR PORTABLE CORDAGE



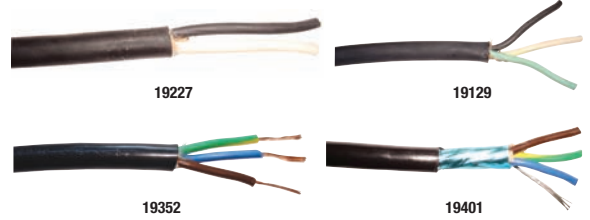
Unshielded bare copper. Belflex™ jacket and PVC insulation. Typical applications include motor control and in-plant power distribution. International color coding. Passes VW-1 vertical wire flame test. UL listed, CSA certified. Sold in 250' spools.

SJTOW-A3-CONDUCTOR BLACK PVC MATTE JACKET, RATED 105°C

Mfg. Part No.	AWG (Stranding)	Nom O.D. (in.)	250' Spool	
			Stock No.	Price per Spool
● 19509 B59250	18 (42x34)	0.36	92F2194	243.09
● 19510 B59250	16 (65x34)	0.34	87K6206	359.13
● 19511 B59250	14 (41x30)	0.38	92F2196	387.42

(31472)

BARE COPPER 2- AND 3-CONDUCTOR PORTABLE CORDAGE



SVT-2-CONDUCTOR BLACK PVC JACKET 300V, RATED 60°C

Mfg. Part No.	AWG (Stranding)	Nom. O.D.	Insulation	250' Spool	
				Stock No.	Price per Spool
● 19140 010250	18 (41x34)	0.243"	PVC	37F3068	156.44

SJO-2-CONDUCTOR BLACK NEOPRENE JACKET 300V, RATED 60°C

● 19227 010250	18 (16x30)	0.290"	EPDM	87K1188	259.30
● 19228 010250	16 (26x30)	0.315"	Rubber	36F985	336.82

SJT-3-CONDUCTOR BLACK PVC JACKET 300V, RATED 60°C

● 19348 010250	18 (41x34)	0.328"	PVC	36F1167	267.92
● 19352 010250	18 (41x34)	0.328"	PVC	37F3077	240.98
● 19362 010250**	18 (41x34)	0.340"	PVC	37F3080	402.47
● 19349 010250	16 (65x34)	0.340"	PVC	87K1190	304.77
● 19353 010250	16 (65x34)	0.353"	PVC	37F3078	315.97
● 19354 010250	14 (41x30)	0.380"	PVC	37F3079	392.75
● 19364 010250**	14 (41x30)	0.402"	PVC	37F3082	489.94

SVT-3-CONDUCTOR BLACK PVC JACKET 300V, RATED 60°C

● 19350 008250	18 (41x34)	0.253"	PVC	36F1172	223.39
● 19401 010250**	18 (41x34)	0.270"	PVC	87K1192	307.83
● 19402 010250	18 (41x34)	0.253"	PVC	87K1193	218.02

SJ-3-CONDUCTOR BLACK RUBBER JACKET 300V, RATED 60°C

● 19129 010250	18 (16x30)	0.315"	EPDM	36F1372	278.70
● 19130 010250	16 (26x30)	0.340"	EPDM	36F1373	351.26
● 19125 010250	18 (41x34)	0.315"	EPDM	37F3071	301.62
● 19124 010250	16 (65x34)	0.340"	EPDM	37F3072	394.38
● 8479 010250	14 (41x30)	0.380"	EPDM	02F5661	439.83

SJO-3-CONDUCTOR BLACK NEOPRENE JACKET 300V, RATED 60°C

● 19229 010250	18 (16x30)	0.315"	EPDM	87K6205	321.29
● 19230 010250	16 (26x30)	0.340"	EPDM	87K1189	423.42

SO-3-CONDUCTOR BLACK NEOPRENE JACKET 600V, RATED 60°C

● 19209 010250	18 (41x34)	0.380"	EPDM	36F1369	489.99
● 19208 010250	16 (65x34)	0.400"	EPDM	36F1370	585.56
● 19207 010250	14 (41x30)	0.538"	EPDM	36F1371	936.94
● 19205 010250	10 (105x30)	0.681"	EPDM	37F3076	1666.81

S-3-CONDUCTOR BLACK RUBBER JACKET 600V, RATED 60°C

● 19107-250-10	14 (41x30)	0.535"	EPDM	36F1365	727.85
● 19106 010250	12 (65x30)	0.640"	EPDM	87K1179	1058.56
● 19105 010250	10 (105x30)	0.681"	EPDM	37F3074	1454.51

\*Gray jacket; \*\*Beldfoil® 100% shield coverage (6122)

CORDAGE • FIRE/SECURITY CABLE

3- AND 4-CONDUCTOR PORTABLE CORDAGE



Sold in 100' spools. Also available in 500' and 1000' spools; go online or call.

UNSHIELDED SV-3-CONDUCTOR BLACK RUBBER JACKET 300V, RATED 60°C

Mfg. Part No.	AWG (Stranding)	Nom. O.D.	Insulation	100' Spool	
				Stock No.	Price per Spool
● 8453 010100	18 (41x34)	0.256"	EPDM	02F4063	199.30

UNSHIELDED 4-CONDUCTOR, BLACK RUBBER JACKET, 300V, RATED 60°C; UL RECOGNIZED 4097

● 8454 010100	18 (41x34)	0.265"	EPDM	02F4065	173.48
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(6123)

LAMP AND HEATER CORDS



19122

All feature bare copper conductors.

UNSHIELDED, UNJACKETED SPT-1 2-CONDUCTOR PVC PARALLEL LAMP CORD, 300V, RATED 60°C

Mfg. Part No.	AWG (Stranding)	Nom. O.D.	Color	250' Spool	
				Stock No.	Price per Spool
● 19122 001250	18 (42 x 34)	0.110" x .207"	Brown	37F3061	130.73
● 19122 010250	18 (42 x 34)	0.110" x .207"	Black	87K6204	130.73

UNSHIELDED, UNJACKETED SPT-2 2-CONDUCTOR PVC PARALLEL LAMP CORD, 300V, RATED 60°C

● 19126 010250	16 (65 x 34)	0.155" x .299"	Black	36F1820	182.60
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(6124)

SEOPRENE® PORTABLE OUTDOOR FLEXIBLE POWER CABLE



- Types SE00W and SJE00W portable cord
- Lightweight — easy-to-handle
- Excellent flexibility and toughness
- Abrasion-, ozone-, sunlight-, chemical- and oil-resistance
- Water-resistant with high-dielectric insulation — approved for submersion in water
- Flame-resistance — MSHA approved for mining applications
- Recyclable
- UL listed, CSA certified

Flexible and tough Seoprene® thermoplastic elastomer jacket. Water- and mold-resistant non-wicking, lightweight polypropylene fillers. Stranded bare copper conductors are color coded for easy identification. Meets Federal and Military specifications JC-580B. Temperature range: -50° to 105°C. Jacket color: black. Sold in 250 ft. spools. 500 ft. and 1000 ft. spools also available; go online or call.

SEOPRENE® TYPE SE00W PORTABLE CORD — 600V

Mfg. Part No.	No. of Conductors	AWG (Stranding)	Nom. O.D. (In.)	Current Rating (A)	Stock No.	Price per Spool
● 222250408	2	18 (16 x 30)	0.345	10	62M3372	112.77
● 222260408	2	16 (26 x 30)	0.37	13	62M3373	124.84
● 223250408	3	18 (16 x 30)	0.365	10	62M3374	126.67
● 223260408	3	16 (26 x 30)	0.39	13	62M3375	161.02
● 223276408	3	14 (41 x 30)	0.525	18	62M3376	235.40
● 223286408	3	12 (65 x 30)	0.595	25	62M3377	311.52
● 223296408	3	10 (104 x 30)	0.655	30	62M3378	392.59
● 224286408	4	12 (65 x 30)	0.645	20	62M3381	359.39
● 224296408	4	10 (104 x 30)	0.705	25	62M3382	482.15
● 224200408	4	8 (96 x 28)	0.783	35	62M3379	864.59
● 224210408	4	6 (96 x 26)	0.892	45	62M3380	1216.19

SEOPRENE® TYPE SJE00W PORTABLE CORD — 300V

● 232250408	2	18 (16 x 30)	0.285	10	62M3383	91.05
● 232260408	2	16 (26 x 30)	0.315	13	62M3384	113.69
● 232270408	2	14 (41 x 30)	0.345	18	62M3385	137.68
● 233250408	3	18 (16 x 30)	0.31	10	62M3386	106.47
● 233260408	3	16 (26 x 30)	0.335	13	62M3387	131.79
● 233270408	3	14 (41 x 30)	0.365	18	62M3388	192.94
● 233280408	3	12 (65 x 30)	0.435	25	62M3389	258.80
● 233250408	4	18 (16 x 30)	0.335	7	62M3390	143.70

(103023)

ROYAL® PORTABLE OUTDOOR FLEXIBLE POWER CABLE



- Types STOW and SJTOW portable cord
- Easy-to-remove, flexible PVC jacket
- Abrasion-, ozone-, chemical- and oil-resistance
- Flame-retardant
- Water-resistant — approved for submersion in water
- UL listed, CSA certified



Royal® types STOW and SJTOW firm, compact, cylindrical cord is cabled for maximum flexibility and roundness per UL 62 specifications. Lightweight polypropylene fillers. Stranded bare copper conductors are color coded for easy identification. Meets Federal and Military specification JC-580B. Temperature range: -20° to 60°C. Jacket color: gray. Sold in 250 ft. spools. 500 ft. and 1000 ft. spools also available; go online or call.

ROYAL® TYPE STOW PORTABLE CORD — 600V

Mfg. Part No.	No. of Conductors	AWG (Stranding)	Nom. O.D. (In.)	Current Rating (A)	Stock No.	Price per Spool
● 200360409	3	16 (26 x 30)	0.39	13	62M3365	147.56
● 200370409	3	14 (41 x 30)	0.53	18	62M3366	242.06
● 200380409	3	12 (65 x 30)	0.6	25	62M3367	320.34

ROYAL® TYPE SJTOW PORTABLE CORD — 300V

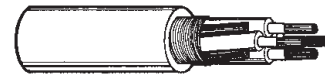
● 201350409	3	18 (16 x 30)	0.305	10	62M3368	106.16
● 201360409	3	16 (26 x 30)	0.33	13	62M3369	133.11
● 201370409	3	14 (41 x 30)	0.365	18	62M3370	194.25
● 201380409	3	12 (65 x 30)	0.434	25	62M3371	267.31

(103033)

600-VOLT PORTABLE CORDS



- Applications:
- Portable Tools and Equipment
  - Portable Appliances
  - Small Motors and Associated Machinery



Type S00W, 600-volt black Carolprene® jacketed portable cords. Temperature range: -40°C to +90°C. UL listed, CSA certified. Sold in spools of 250', 1000' spool available on special order; go online or call.

Mfg. Part No.	AWG	No. of Cond.	Stranding	Nom. O.D.	250' Spool	
					Stock No.	Price per Spool
● 02770.15.01	18	4	16/30	0.390"	17C6676	246.22
● 02769.15.01	18	3	16/30	0.365"	90B6542	176.97
● 02763.15.01	18	2	16/30	0.345"	74C6960	154.01
● 02766.15-01	16	4	26/30	0.420"	05F1242	296.65
● 02765.15-01	16	3	26/30	0.390"	04F3884	226.64
● 02768.85-01	14	4	41/30	0.575"	04F3892	419.50
● 02762.35-01	14	3	41/30	0.530"	04F3886	329.98
● 02762.38-01	14	3	41/30	0.530"	74C6951	684.51
● 02723.85-01	14	2	41/30	0.530"	04F3868	292.37
● 02726.85-01	12	4	65/30	0.650"	04F3894	526.67
● 02725.35-01	12	3	65/30	0.595"	04F3888	463.16
● 02724.85-01	12	2	65/30	0.570"	04F3869	386.28
● 02727.35-01	10	4	104/30	0.715"	05F1247	696.28
● 02727.85.01	10	4	104/30	0.715"	96B7751	696.28
● 02728.85-01	10	3	104/30	0.660"	99F6783	585.08
● 02767.85.01	10	2	104/30	0.620"	93B8611	484.15

(73839)

FIRE ALARM CABLE



Unshielded Riser



Shielded Plenum

New Generation® fire alarm cable protects against system failures. Ideally suited for high-reliability applications such as fire and security alarm systems, signal, and monitor/detection. Solid bare copper conductors, PVC insulation, red PVC jacket with ripcord, sequential footage marked. UL Type FPLR, NEC article 760, 75°C, California State Fire Marshall approved. UL listed. Sold in spools of 1000'.

UNSHIELDED RISER CABLE

Mfg. Part No.	No. of Cond.	AWG	Nom. O.D. (in.)	1000' Spool	
				Stock No.	Price per Spool
● 5120UL 0021000	2	14	0.213	87K1278	223.12
● 5220UL 0021000	2	16	0.174	87K1291	151.64
● 5320UL 0021000	2	18	0.151	83F7013	98.20
● 5322UL 0021000	4	18	0.176	87K1315	182.54

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FIRE/SECURITY CABLE • FLAT CABLE

FIRE ALARM CABLE (CONT.)

OVERALL SHIELDED RISER CABLE—BELDFOIL SHIELD APPLIED OVERALL WITH DRAIN WIRE

Mfg. Part No.	No. of Cond.	AWG	Nom. O.D. (in.)	1000' Spool	
				Stock No.	Price per Spool
● 5120FL 0021000	2	14	0.217	83F7042	266.54
● 5220FL 0021000	2	16	0.178	83F7015	186.38
● 5320FL 0021000	2	18	0.155	83F7016	124.09

UNSHIELDED PLENUM CABLE

Solid bare copper conductors. Flammarrest insulation, red Flammarrest jacket with ripcord, sequential footage marked. UL Type FPLP, NEC Article 760, 75°C, California State Fire Marshall approved. Sold in spools of 1000'.

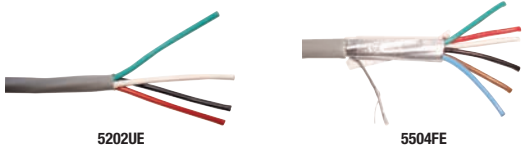
● 6020UL-1000-2	2	12	0.239	19C4209	412.66
● 6120UL 0021000	2	14	0.205	19C4253	256.02
● 6220UL 002U1000	2	16	0.174	19C4309	194.06
● 6320UL 0021000	2	18	0.151	83F7017	121.58

PLENUM OVERALL SHIELDED CABLE—BELDFOIL SHIELD APPLIED OVERALL WITH DRAIN WIRE

● 6120FL 0021000	2	14	0.212	19C4244	296.26
● 6220FL 0021000	2	16	0.181	87K1427	233.30
● 6320FL 0021000	2	18	0.158	83F7018	166.50

(39576)

NEW GENERATION® SOUND, SPEAKER AND SECURITY/ALARM CABLE



New Generation® unshielded and shielded riser and plenum rated cable provides dependability in your security and alarm systems. Applications include: background music, nurse call, security systems, intercom/PA systems, sound/audio, power limited controls. Suffix -U in mfg. part number indicates shrink wrap Belcoil® packaging.

UNSHIELDED AND SHIELDED RISER CABLE

Unshielded and shielded riser cable CMR/CMG FT4 rated, NEC Article 800 except where noted with (\*) CMR FPLR and CL3R dual rated, NEC Articles 725 and 760. Gray PVC jacket with rip cord. Sequential footage marked every two feet.

UNSHIELDED RISER CABLE

Mfg. Part No.	AWG	Strand-ing	No. of Cond.	Nom. O.D.	Nom. Cap. (pF/ft.)	500' Spool		1000' Spool	
						Stock No.	Price per Spool	Stock No.	Price per Spool
● 5100UE*	14	19 x 26	2	0.234	31	06M3941	140.45	06M3940	266.54
● 5100UE-U*	14	19 x 26	2	0.234	31	...	...	19C3645	266.54
● 5200UE	16	19 x 29	2	0.184	33	19C3715	86.68	83F7019	164.50
● 5200UE-U	16	19 x 29	2	0.184	33	19C3714	86.68	87K1284	164.50
● 5202UE	16	19 x 29	4	0.216	33	19C3746	153.83	19C3745	291.92
● 5202UE-U	16	19 x 29	4	0.216	33	19C3744	153.83	19C3743	291.92
● 5300UE	18	7 x 26	2	0.161	30	87K6222	59.84	83F7020	110.73
● 5300UE-U	18	7 x 26	2	0.161	30	19C3807	59.84	19C3804	110.73

OVERALL BELDFOIL® TAPE SHIELDED RISER CABLE — WITH DRAIN WIRE

● 5000FE*	12	19 x 25	2	0.272	83	19C3548	253.44	83F7024	480.96
● 5200FE	16	19 x 29	2	0.188	76	19C3712	98.74	83F7032	187.38
● 5200FE-U	16	19 x 29	2	0.188	76	87K1282	98.74	19C3710	187.38
● 5300FE	18	7 x 26	2	0.165	65	19C3802	68.91	83F7025	130.77
● 5300FE-U	18	7 x 26	2	0.165	65	19C0238	68.91	19C3801	130.77
● 5301FE	18	7 x 26	3	0.175	62	19C3836	101.20	83F7033	192.05
● 5301FE-U	18	7 x 26	3	0.175	62	19C3835	101.20	19C3834	192.05
● 5302FE	18	7 x 26	4	0.192	38	19C3842	126.99	83F7041	240.99
● 5302FE-U	18	7 x 26	4	0.192	38	19C3841	126.99	19C3840	240.99
● 5304FE	18	7 x 26	6	0.23	38	19C3873	179.52	19C3872	340.68
● 5304FE-U	18	7 x 26	6	0.23	38	19C3871	179.52	...	...
● 5400FE	20	7 x 28	2	0.145	56	19C3991	65.65	83F7045	124.59
● 5400FE-U	20	7 x 28	2	0.145	56	87K1327	65.65	19C3989	124.59
● 5500FE	22	7 x 30	2	0.13	46	01C8205	45.59	96B9557	83.67
● 5500FE-U	22	7 x 30	2	0.13	46	19C4046	45.59	19C4045	83.67
● 5502FE	22	7 x 30	4	0.151	31	19C4058	72.60	83F7038	137.78
● 5502FE-U	22	7 x 30	4	0.151	31	19C4057	72.60	19C4056	137.78
● 5504FE	22	7 x 30	6	0.179	31	...	...	19C4070	216.10
● 5504FE-U	22	7 x 30	6	0.179	31	94B2037	113.88	19C4069	216.10

UNSHIELDED AND SHIELDED PLENUM CABLE

Unshielded and shielded plenum cable features stranded bare copper conductors, Flammarrest® thermoplastic insulation and natural Flammarrest® thermoplastic jacket with ripcord. CMP FT6 rated, NEC Article 800. Sequential footage marked every two feet.

UNSHIELDED PLENUM CABLE

Mfg. Part No.	AWG	Strand-ing	No. of Cond.	Nom. O.D.	Nom. Cap. (pF/ft.)	500' Spool		1000' Spool	
						Stock No.	Price per Spool	Stock No.	Price per Spool
● 6200UE	16	19 x 29	2	0.18	33	19C4286	98.48	87K1425	186.88
● 6200UE	16	19 x 29	2	0.18	33	...	...	19C4285	186.88
● 6300UE-U	18	7 x 26	2	0.157	30	19C4368	66.80	87K1434	123.92

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NEW GENERATION® SOUND, SPEAKER AND SECURITY/ALARM CABLE (CONT.)

Mfg. Part No.	AWG	Strand-ing	No. of Cond.	Nom. O.D.	Nom. Cap. (pF/ft.)	500' Spool		1000' Spool	
						Stock No.	Price per Spool	Stock No.	Price per Spool
● 6300UE-U*	18	7 x 26	2	0.157	30	87K1436	66.80	19C4364	123.92
● 6301UE	18	7 x 26	3	0.168	30	19C4387	113.00	83F7039	214.43
● 6301UE-U	18	7 x 26	3	0.168	30	...	...	19C4385	214.43
● 6302UE	18	7 x 26	4	0.186	30	19C4399	130.24	83F7030	247.16
● 6302UE-U	18	7 x 26	4	0.186	30	19C4398	130.24	87K1443	247.16
● 6500UE-U	22	7 x 30	2	0.124	25	...	...	19C4557	95.86
● 6502UE	22	7 x 30	4	0.143	25	19C4576	68.20	83F7036	126.59
● 6502UE-U	22	7 x 30	4	0.143	25	19C4575	68.20	19C4574	126.59

OVERALL BELDFOIL® TAPE SHIELDED PLENUM CABLE — WITH DRAIN WIRE

● 6200FE	16	7 x 24	2	0.184	81.5	19C4283	150.75	50B9014	283.24
● 6300FE	18	7 x 26	2	0.162	70	96B5588	82.64	83F7026	153.81
● 6300FE-U	18	7 x 26	2	0.162	70	19C4361	82.64	19C4360	153.81
● 6301FE	18	7 x 26	3	0.172	70	...	...	83F7044	266.04
● 6301FE-U	18	7 x 26	3	0.172	70	19C4383	140.19	87K1432	266.04
● 6302FE	18	7 x 26	4	0.188	42	19C4395	134.38	06M3977	255.01
● 6302FE-U	18	7 x 26	4	0.188	42	87K1441	134.38	19C4393	255.01
● 6400FE	20	7 x 28	2	0.145	56	...	...	19C4509	157.82
● 6500FE	22	7 x 30	2	0.128	55	06M3985	54.56	06M3984	100.71
● 6500FE-U	22	7 x 30	2	0.128	55	06M3983	54.56	19C4553	100.71
● 6502FE	22	7 x 30	4	0.15	33	19C4570	76.12	83F7040	141.45
● 6504FE	22	7 x 30	6	0.178	33	18C2586	112.47	04C5267	210.59
● 6504FE-U	22	7 x 30	6	0.178	33	87K1485	112.47	19C4580	210.59

\* Black jacket

UNSHIELDED MULTICONDUCTOR CM RATED CABLE

Ideal for residential, light commercial and institutional applications. Stranded bare copper conductors, polypropylene insulation and beige PVC jacket. NEC CM/CEC CM FT1, NEC Article 800. Sequential footage marked every two feet.

Mfg. Part No.	AWG	Strand-ing	No. of Cond.	Nom. O.D.	Nom. Cap. (pF/ft.)	500' Spool		1000' Spool	
						Stock No.	Price per Spool	Stock No.	Price per Spool
● 5500UG	22	7 x 30	2	0.114	20	...	...	73H4959	61.46

(39577)

3659 SERIES 0.050" ROUND, SHIELDED/JACKETED FLAT CABLE



- Round construction permits easier routing
- 28 AWG 7x36 stranded wire on 0.050" pitch permits mass termination of IDC connectors
- Primary flat cable is zipplable for branching or discrete terminations
- Dual shielding provides 35db average shielding effectiveness
- PVC insulation provides excellent flexibility
- UL listed, UR recognized



3659 series cable features a round, black PVC outer jacket over gray PVC insulated flat cable that is folded, wrapped with an aluminum/polyester film foil and enclosed in a round, 90% tinned-copper braid for EMI/ESD protection. Continuous split/bonded, tinned copper conductors allow for mass termination to IDC connectors. Folded construction permits mass termination every 2.4" (61). Meets external wiring requirements of National Electrical Code, Article 725 (CL2). UL file no. E118773, Power Limited Circuit Cable CL2 (or AWM) Style 20267. Temperature rating: -20°C to +105°C. Sold in 100' spools.

Mfg. Part No.	No. of Conductors	Outer Dia. (in.)	Flat Width (in.)	Stock No.	Price per Spool	
					1-4	5-9
● 3659/09 (100')	9	0.30"	0.400"	03F5940	117.04	111.02
● 3659/10 (100')	10	0.30"	0.450"	03F5941	122.54	116.24
● 3659/15 (100')	15	0.31"	0.700"	03F5942	138.50	131.39
● 3659/16 (100')	16	0.31"	0.750"	66F6113	143.81	136.42
● 3659/20 (100')	20	0.34"	0.950"	03F5943	149.12	141.45
● 3659/25 (100')	25	0.37"	1.200"	03F5945	164.83	156.35
● 3659/26 (100')	26	0.37"	1.250"	03F5946	170.43	161.67
● 3659/34 (100')	34	0.41"	1.650"	03F5947	191.77	181.91
● 3659/37 (100')	37	0.43"	1.800"	03F5949	202.38	191.98
● 3659/40 (100')	40	0.43"	1.950"	03F5950	207.71	197.04
● 3659/50 (100')	50	0.48"	2.450"	03F5951	239.66	227.34
● 3659/60 (100')	60	0.51"	2.950"	03F5952	268.70	254.89

(8521)



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(148830)

**3896 SERIES 0.025" ROUND, JACKETED FLAT CABLE**

- Round construction permits easier routing
- 30 AWG 7x38 stranded wire on 0.025" centers permits mass termination
- Close spacing permits higher signal density
- Primary flat cable is zippable for branching or discrete terminations
- PVC insulation provides excellent flexibility
- UL recognized

**3896 series** cable features a round, black PVC outer jacket over gray PVC insulated flat cable. Continuous split/bonded, tinned copper conductors allow for mass termination on 2.4" (61) centers (approx.). UL file no. E42769, Style 20596. Temperature rating: -20°C to +105°C. **Sold in 275' spools.** Splice-free spools are available; go online or call.



Mfg. Part No.	No. of Conductors	Outer Dia. (in.)	Flat Width (in.)	Stock No.	Price per Spool	
					1-4	5+
● 3896/20	20	0.30	0.475	75M2352	199.25	189.95
● 3896/26	26	0.33	0.625	75M2354	253.38	241.56
● 3896/30	30	0.37	0.725	75M2356	289.77	276.25
● 3896/32	32	0.37	0.775	75M2357	307.70	293.34
● 3896/34	34	0.37	0.825	75M2358	326.93	311.67
● 3896/36	36	0.39	0.875	75M2360	346.16	330.01
● 3896/40	40	0.39	0.975	75M2361	372.50	355.12
● 3896/50	50	0.44	1.225	75M2363	465.62	443.89
● 3896/52	52	0.66	1.275	75M2365	472.98	450.91
● 3896/60	60	0.70	1.475	75M2366	519.75	495.50
● 3896/68	68	0.74	1.675	75M2368	574.32	547.52
● 3896/80	80	0.78	1.975	75M2370	641.03	611.11
● 3896/100	100	0.88	2.475	75M2350	792.62	755.63

(105744)

**3758 SERIES 0.050" ROUND, JACKETED FLAT CABLE**

- Round construction permits easier routing
- 26 AWG 7x34 stranded wire on 0.050" centers permits mass termination of IDC connectors
- Primary flat cable is zippable for branching or discrete terminations
- PVC insulation provides excellent flexibility
- UL listed, UR recognized

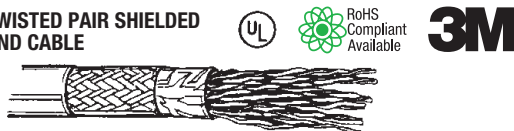
**3758 series** cable features a round, black PVC outer jacket over gray PVC insulated flat cable. Continuous split/bonded wires allow for mass termination to a broad line of IDC connectors. Folded construction permits mass termination every 2.4" (61). Meets external wiring requirements of National Electrical Code, Article 725 (CL2). UL file no. E118773, Power Limited Circuit Cable CL2 (or AWM) Style 20267. Temperature rating: -20°C to +80°C. **Sold in 275' spools.** Splice-free spools are available; go online or call.



Mfg. Part No.	No. of Conductors	Outer Dia. (in.)	Flat Width (in.)	Stock No.	Price per Spool	
					1-4	5+
● 3758/09	9	0.26	0.40	75M2322	99.41	94.77
● 3758/10	10	0.26	0.45	75M2324	108.29	103.24
● 3758/14	14	0.27	0.65	75M2326	150.83	143.79
● 3758/15	15	0.27	0.70	75M2328	161.13	153.61
● 3758/16	16	0.27	0.75	75M2330	190.58	181.69
● 3758/20	20	0.30	0.95	75M2332	215.46	205.41
● 3758/24	24	0.33	1.15	75M2334	257.79	245.76
● 3758/25	25	0.33	1.20	75M2335	268.55	256.02
● 3758/26	26	0.33	1.25	75M2337	280.07	267.00
● 3758/30	30	0.37	1.45	75M2338	315.75	301.02
● 3758/34	34	0.37	1.65	75M2339	293.49	279.80
● 3758/36	36	0.39	1.75	75M2341	310.29	295.81
● 3758/37	37	0.39	1.80	75M2342	318.90	304.02
● 3758/40	40	0.39	1.95	75M2344	343.70	327.66
● 3758/50	50	0.44	2.45	75M2346	419.87	400.28
● 3758/60	60	0.47	2.95	75M2348	447.99	427.09
● 3758/64	64	0.50	3.15	75M2349	451.37	430.31

(105743)

**3750 SERIES TWISTED PAIR SHIELDED DISCRETE ROUND CABLE**



**3750 series** cable comprises 26 AWG 7x4" (7x 0.160) tinned stranded copper wire, which can be terminated to a broad line of IDC connectors and carry higher power levels in long I/O harnesses. The twisted pairs reduce crosstalk for balanced drive applications or can be used as discrete wires for unbalanced drive applications. Dual shields consisting of 90% tinned copper braid and aluminumized polyester wrap provide excellent EMI/ESD protection and aid in the compliance of FCC requirements. Voltage rating: 300V. Temperature rating: -20°C to +80°C. UL listed, file no. E118772, style 2464. **Sold in 100' spools.**

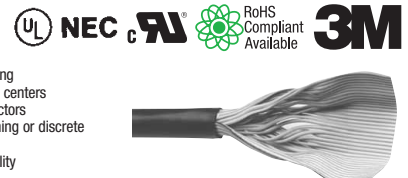
Mfg. Part No.	No. of Conductors (Pairs)	Diameter	Stock No.	Price per Spool	
				1-4	5-9
● 3750/10 (100')	10 (5)	0.26"	87F4332	139.59	126.69
● 3750/26 (100')	26 (13)	0.37"	87F4334	362.55	329.04

(8433)

**3759 SERIES 0.050" ROUND, JACKETED FLAT CABLE**

- Round construction permits easier routing
- 28 AWG 7x36 stranded wire on 0.050" centers permits mass termination of IDC connectors
- Primary flat cable is zippable for branching or discrete terminations
- PVC insulation provides excellent flexibility
- UL listed, UR recognized

**3759 series** cable features a round, black PVC outer jacket over gray PVC insulated flat cable. Continuous split/bonded, tinned copper conductors allow for mass termination to IDC connectors. Folded construction permits mass termination every 2.4" (61). Meets external wiring requirements of National Electrical Code, Article 725 (CL2). UL file no. E118773, Power Limited Circuit Cable CL2 (or AWM) Style 20267. Temperature rating: -20°C to +80°C. **Sold in 100' spools.**



Mfg. Part No.	No. of Conductors	Outer Dia. (in.)	Flat Width (in.)	Stock No.	Price per Spool	
					1-4	5-9
● 3759/09(100)	9	0.26	0.40	21K3178	109.35	99.07
● 3759/14 (100')	14	0.27	0.65	92F8530	124.40	112.70
● 3759/20 (100')	20	0.30	0.95	18C3949	139.35	126.25
● 3759/26 (100')	26	0.33	1.25	95F7317	159.24	144.27
● 3759/30 (100)	30	0.37	1.45	22C6080	169.19	153.28
● 3759/34 (100')	34	0.37	1.65	98F6947	179.15	162.31
● 3759/37 (100')	37	0.38	1.80	94F8897	189.10	171.32
● 3759/40 (100')	40	0.39	1.95	95F7319	194.04	175.79
● 3759/50 (100')	50	0.46	2.45	04F8891	223.94	202.89
● 3759/60 (100')	60	0.47	2.95	95F7320	251.04	227.44
● 3759/64 (100')	64	0.50	3.15	18C3918	263.75	238.95

(8441)

**ROUND, SHIELDED, STRANDED, 28 AWG, TWISTED PAIR, PVC DISCRETE WIRE CABLE**

- Meets external wiring requirements of N.E.C., Article 725, CL2
- Insulation Resistance (Primary Cable):  $1 \times 10^{10} \Omega/10 \text{ ft. (3m)}$
- Wires Are Color-Coded for Easy Identification

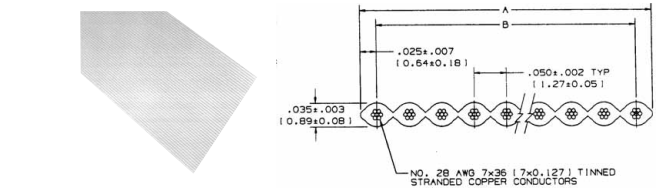


Flexible 28 AWG stranded (7X36) wire. Twisted pairs to reduce crosstalk for balanced drive applications. Dual shielding with aluminum film foil and copper braid provides EMI/ESD protection. Beige PVC jacket. UL listed. **Sold in spool sizes indicated in table below.**

Mfg. Part No.	No. of Conductors (Pairs)	Spool Size (ft.)	Stock No.	Price per Spool		
				1-4	5-9	10-24
● 3600B/14 (100')	14 (7)	100	03H8625	94.76	85.96	76.77
● 3600B/20 100	20 (10)	100	30M2961	139.98	126.98	113.40
● 3600B/20 (300')	20 (10)	300	91F4894	386.72	350.82	313.29
● 3600B/26 (100')	26 (13)	100	82H6019	176.00	159.66	142.58
● 3600B/26 (300')	26 (13)	300	52F7601	503.94	457.16	408.25
● 3600B/36 (100)	36 (18)	100	21K2844	243.69	221.07	197.42
● 3600B/36 (300')	36 (18)	300	52F7602	696.10	631.48	563.93
● 3600B/40 (300')	40 (20)	300	91F4895	773.43	701.64	626.58
● 3600B/50 (300SF)*	50 (25)	300	21K2848	966.80	877.05	783.23
● 3600B/50 (300')	50 (25)	300	52F7603	966.80	877.05	783.23
● 3600B/68 (300')	68 (34)	300	52F7604	1314.83	1192.78	1065.18
● 3600B/80 (200')	80 (40)	200	91F4896	1083.00	982.47	877.37
● 3600B/100 (100)	100 (50)	100	21K2838	676.88	614.04	548.36

\*Splice-free (8460)

**3365 SERIES 0.050" (1.27) ROUND CONDUCTOR, STRANDED, 28 AWG, PVC FLAT CABLE**



- Easily Zippable
- Stranded Tinned Copper Conductors
- 105°C Flame-Retardant PVC Insulation — Gray

- Voltage Rating: 300V
- Insulation Resistance:  $>1 \times 10^{10} \text{ Ohms/10' (3)}$

28 AWG wire on 0.050" centers permits mass termination to a broad line of IDC connectors. Recommended for termination to 3M™ Mini Delta Ribbon (MDR) plugs; ordered separately on page 825. UL recognized, file no. E42769. **Sold in 100' spools.**

Mfg. Part No.	No. of Conductors	Dimensions (in.)		Stock No.	Price per Spool	
		A	B		1-4	5-9
● 3365/09	9	0.450	0.400	81H9423	13.66	12.96
● 3365/10	10	0.500	0.450	19M8487	14.66	13.91
● 3365/14 (100')	14	0.700	0.650	03F5906	18.69	17.73

➔ CONTINUED ➔

FLAT CABLE

3365 SERIES 0.050" (1.27) ROUND CONDUCTOR, STRANDED, 28 AWG, PVC FLAT CABLE (CONT.)

Mfg. Part No.	No. of Conductors	Dimensions (in.)		Stock No.	Price per Spool	
		A	B		1-4	5-9
● 3365/15 (100')	15	0.750	0.700	50F3092	33.15	31.45
● 3365/16 (100')	16	0.800	0.750	03F5907	20.70	19.63
● 3365/20 (100')	20	1.000	0.950	03F5908	24.72	23.45
● 3365/24 (100')	24	1.200	1.150	50F3093	52.99	50.27
● 3365/25 (100')	25	1.250	1.200	03F6789	31.10	29.50
● 3365/26 (100')	26	1.300	1.250	03F5909	32.36	30.70
● 3365/30 (100')	30	1.500	1.450	98F4402	66.24	62.83
● 3365/34 (100')	34	1.700	1.650	03F5910	42.38	40.20
● 3365/37 (100')	37	1.850	1.800	03F5911	81.69	77.49
● 3365/40 (100')	40	2.000	1.950	03F5912	88.32	83.78
● 3365/44 (100')	44	2.200	2.150	96B3127	97.20	92.21
● 3365/50 (100')	50	2.500	2.450	19M8488	62.39	59.18
● 3365/60 (100')	60	3.000	2.950	03F5914	132.45	125.64
● 3365/64 (100')	64	3.200	3.150	94F8850	141.29	134.02

(8520)

3355 SERIES 0.050" ROUND CONDUCTOR, STRANDED, 28 AWG, TPE FLAT CABLE

- 28 AWG wire on 0.050" wire spacing permits mass termination to IDC connectors
- Zippable for branching or discrete termination

Gray thermoplastic elastomer (TPE) insulation provides excellent transmission properties at an economically price. Round 28 AWG, 7x36 stranded tinned-copper conductors. Impedance: 117Ω unbalanced. Insulation resistance: >1x10<sup>10</sup>Ω/10' (3m). Voltage rating: 300V. Temperature rating: -40°C to +105°C. Flammability rated: USA, UL horizontal. UL file no. E42769, style no. 20297. UL recognized. **Sold in 100' spools.**

Mfg. Part No.	No. of Conductors	Width (in.)	Stock No.	Price per Spool
				1-4
3355/10 (100')	10	0.500	34M2740	47.74
3355/14 (100')	14	0.700	34M2741	66.84
3355/15 (100')	15	0.750	34M2742	71.62
3355/16 (100')	16	0.800	34M2743	76.38
3355/20 (100')	20	1.000	34M2744	95.48
3355/25 (100')	25	1.250	34M2745	119.36
3355/26 (100')	26	1.300	34M2746	124.12
3355/30 (100')	30	1.500	21K1689	143.22
3355/34 (100')	34	1.700	34M2747	162.32
3355/40 (100')	40	2.000	34M2748	190.96
3355/50 (100')	50	2.500	34M2749	238.70
3355/60 (100')	60	3.000	21K1693	286.44
3355/64 (100')	64	3.200	34M2750	305.54

(90591)

3625 SERIES ROUND CONDUCTOR FLAT CABLE

- 28 AWG stranded conductors on 1mm wire spacing
- Stranded wire provides flexibility and extended product life
- Zippable for branching or discrete termination

Gray PVC insulation. Insulation resistance: >1x10<sup>10</sup> Ohms/10' (3m). Voltage rating: 300V. Temperature rating: -20°C to +105°C. Flammability rated: USA, VW-1/Canada, FT1. Designed for mass termination to metric connectors. **Sold in 30m and 100m spools.**

Mfg. Part No.	No. of Conductors	Width (mm.)	Spool Size (m)	Stock No.	Price per Spool
					1-4
● 3625/12 (100 MTR)	12	12.00	100	69K6469	87.55
● 3625/12 (30 MTR)	12	12.00	30	69K6470	30.77
● 3625/20 (100 MTR)	20	20.00	100	69K6471	145.91
● 3625/20 (30 MTR)	20	20.00	30	69K6472	51.27
● 3625/26 (100 MTR)	26	26.00	100	69K6473	189.67
● 3625/26 (30 MTR)	26	26.00	30	69K6474	66.67
● 3625/44 (100 MTR)	44	44.00	100	69K6475	321.00
● 3625/44 (30 MTR)	44	44.00	30	69K6476	112.79
● 3625/50 (100 MTR)	50	50.00	100	69K6477	364.77
● 3625/50 (30 MTR)	50	50.00	30	69K6478	128.19

(85856)

3754 SERIES ROUND CONDUCTOR FLAT CABLE



- 30 AWG wire on 0.025" wire spacing permits mass IDC termination
- 7x38 stranded tinned copper round conductors

Recommended for use with the 82XXX-600X series, .050" x .100" Tripolarized Wiremount Mini Socket (82XXX-600X) and Pak 25 (P25E-XXX-S-TGF). Gray PVC insulation. Insulation resistance: >1x10<sup>10</sup> Ohms/10' (3m). Voltage rating: 300V. Temperature rating: -20°C to +105°C. Flammability rated: USA, VW-1/Canada, FT1. **Sold in 300' spools.**

Mfg. Part No.	No. of Conductors	Width (in.)	Stock No.	Price per Spool
				1-4
● 3754/20 (300 FT)	20	0.50	68K1966	153.13
● 3754/26 (300 FT)	26	0.65	68K1967	199.04
● 3754/40 (300 FT)	40	1.00	68K1968	306.23
● 3754/50 (300 FT)	50	1.25	68K1969	382.79
● 3754/68 (300 FT)	68	1.70	68K1970	520.60
● 3754/80 (300 FT)	80	2.00	68K1971	612.46
● 3754/100 (300 FT)	100	2.50	68K1965	765.58

(8858)

3756 SERIES 0.025" ROUND CONDUCTOR, STRANDED, 30 AWG, TPE FLAT CABLE



- 0.025" wire spacing increases signal density
- Designed for flexibility and mass termination to IDC connectors
- Meets SCSI-3 characteristic impedance requirements

Gray thermoplastic elastomer (TPE) insulation provides excellent transmission properties. Round 30 AWG, 7x38 stranded tinned-copper conductors. Insulation resistance: >1x10<sup>10</sup>Ω/10' (3m). Impedance: 82Ω unbalanced/138Ω balanced. Voltage rating: 150V. Temperature rating: -40°C to +105°C. Flammability rated: USA, VW-1; Canada, FT1. UL file no. E42769, style no. 20297. UL recognized. Other sizes available; go online or call. **Sold in 100' spools.**

Mfg. Part No.	No. of Conductors	Width (in.)	Stock No.	Price per Spool
				1-4
● 3756/20	20	0.500	98B0130	55.10
● 3756/26 (100')	26	0.650	16C7481	71.62
● 3756/34 (100')	34	0.850	21K3175	93.64
● 3756/36 (100')	36	0.900	16C7483	99.15
● 3756/40 (100')	40	1.000	73H3306	110.16
● 3756/50 (100')	50	1.250	92B3050	137.69
● 3756/60 (100')	60	1.500	01C8826	165.26
● 3756/80 (100')	80	2.000	94B3420	220.32

(90601)

3770 SERIES 0.050" ROUND CONDUCTOR, STRANDED, 26 AWG, TPE FLAT CABLE



- 26 AWG wire on 0.050" wire spacing permits mass termination to IDC connectors
- Zippable for branching or discrete termination

Gray thermoplastic elastomer (TPE) insulation provides excellent transmission properties at an economically cost. Round 26 AWG, 7x34 stranded tinned-copper conductors. Insulation resistance: >1x10<sup>10</sup>Ω/10' (3m). Impedance: 104Ω unbalanced. Voltage rating: 300V. Temperature rating: -40°C to +105°C. Flammability rated: USA, UL horizontal. UL file no. E42769, style no. 20297. UL recognized. **Sold in 100' spools.**

Mfg. Part No.	No. of Conductors	Width (in.)	Stock No.	Price per Spool
				1-4
3770/16 (100)	16	0.800	21K3362	62.82
3770/20 (100')	20	1.000	34M2805	78.53
3770/25 (100)	25	1.250	21K3364	98.15
3770/26 (100')	26	1.300	34M2806	102.09
3770/37 (100)	37	1.850	21K3367	145.26
3770/40 (100')	40	2.000	34M2807	157.06
3770/50 (100')	50	2.500	34M2808	196.30
3770/64 (100)	64	3.200	21K3369	251.27

(90592)



eQuotes

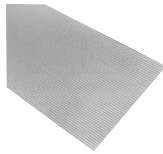
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(148833)

**3801 SERIES ROUND CONDUCTOR FLAT CABLE**



- 26 AWG wire allows for higher power levels
- 7x34 stranded tinned copper round conductors
- 0.050" wire spacing permits mass IDC termination
- Zippable for branching or discrete termination



Gray PVC insulation. Insulation resistance:  $>1 \times 10^{10}$  Ohms/10' (3m). Voltage rating: 300V. Temperature rating: -20°C to +105°C. Flammability rated: USA, VW-1/Canada, FT1. UL file no. E42769, style no. 2651. UL recognized. Sold in 100' spools.

Mfg. Part No.	No. of Conductors	Width (in.)	Stock No.	Price per Spool	
				1-4	5-9
● 3801/10 (100 FT)	10	0.500	68K1972	35.89	
● 3801/20 (100 FT)	20	1.000	68K1973	71.78	
● 3801/26 (100 FT)	26	1.300	68K1974	93.32	
● 3801/34 (100 FT)	34	1.700	68K1975	122.02	
● 3801/40 (100 FT)	40	2.000	68K1976	143.56	
● 3801/50 (100 FT)	50	2.500	68K1977	179.45	
● 3801/64 (100 FT)	64	3.200	68K1978	229.69	

(85851)

**90104 SERIES PLEATED, FOIL-SHIELDED FLAT CABLE**



- 28 AWG tinned copper conductors
- 0.050" wire spacing permits mass IDC termination
- Low crosstalk
- Flexible foil provides 35dB shielding effectiveness



Primarily constructed of thermoplastic elastomer (TPE) material. Heavy-duty, gray PVC jacketing is rated CL2 for improved protection of cable. Insulation resistance:  $>1 \times 10^{10}$  Ohms/10' (3m). Voltage rating: USA, N.E.C. 725, CL2/Canada, 150V. Temperature rating: USA, CL2 75°C/Canada 80°C. Flammability rated: USA: N.E.C. 725, CL2/Canada, FT1. UL file no. EE118773, power limited circuit cable CL2. Sold in 100' spools.

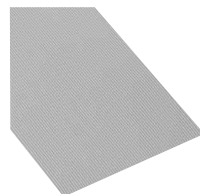
Mfg. Part No.	No. of Conductors	Width (in.)	Stock No.	Price per Spool	
				1-4	5-9
● 90104/15	15	0.86	68K1987	373.13	
● 90104/25 (100 FT)	25	1.34	68K1988	581.21	
● 90104/26 (100 FT)	26	1.40	68K1989	604.47	
● 90104/34 (100 FT)	34	1.80	68K1990	790.43	
● 90104/37 (100 FT)	37	1.95	68K1991	860.20	
● 90104/40 (100 FT)	40	2.10	68K1992	929.89	
● 90104/50 (100 FT)	50	2.60	68K1993	1162.39	
● 90104/64	64	3.32	68K1994	1487.87	

(85857)

**3749 SERIES 0.025" (0.64), ROUND CONDUCTOR, SOLID, 30 AWG TPE FLAT CABLE**



- Close Spacing Permits Higher Signal Density
- Conductors with TPE Insulation Have Resistance  $>1 \times 10^{10}$  ohms/10'
- Voltage Rating: 150V
- Impedance: 85 ohms
- Temperature Rating: +105°C



UL recognized. Sold in 100' spools.

Mfg. Part No.	No. of Conductors	Stock No.	Price per Spool		
			1-4	5-9	10-24
3749/20 (100')	20	95F2942	62.57	56.81	50.53
3749/26 (100)	26	34M2650	81.46	73.96	65.78
● 3749/34 (100')	34	95F2943	106.53	96.72	86.02
3749/36 (100')	36	88F1865	112.64	102.28	90.96
● 3749/40 (100)	40	19M8492	125.34	113.80	101.21
3749/50 (100)	50	95F2945	149.21	135.48	120.49
● 3749/60 (100')	60	95F2946	188.03	170.72	151.84
● 3749/68 (100)	68	19M8494	212.79	193.20	171.83
● 3749/80 (100)	80	19M8495	250.33	227.29	202.15
3749/100 (100)	100	98F7231	312.90	284.10	252.68

(8519)

**Expert technical support**

Chat online to our team of engineers, or connect to them through your representative.

(148838)

**2010 SERIES HALOGEN-FREE 0.050" ROUND CONDUCTOR FLAT RIBBON CABLE**



- Flame-Retardant Insulation
- Temperature Range: -40°C to +105°C



Features 28 AWG (7x36) tinned stranded copper wire on 0.050" centers that permit mass termination to a broad line of IDC connectors. Offers good flexibility for a wide range of applications including data processing, telecommunications, control systems equipment, public transportation, and military/aerospace. UL recognized. Sold in 100' spools.

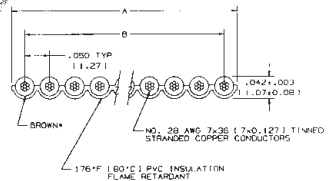
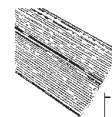
Mfg. Part No.	No. of Conductors	Width	Stock No.	Price per Spool	
				1-4	5-9
● 2010/10 (100')	10	0.500"	50F3099	47.38	43.04
● 2010/16 (100')	16	0.800"	95B3729	75.80	68.85
● 2010/20 (100')	20	1.000"	95B3730	94.76	86.07
● 2010/26 (100')	26	1.300"	95B3732	123.17	111.88
● 2010/34 (100')	34	1.700"	95B3734	161.09	146.33
● 2010/40 (100')	40	2.000"	95B3737	189.51	172.14
● 2010/50 (100')	50	2.500"	95B3738	236.88	215.17
● 2010/64 (100')	64	3.200"	95B3740	303.22	275.43

(49170)

**0.050" (1.27) 28 AWG COLOR-CODED CENTER FLAT CABLE — STRANDED, PVC**



- Easily Zippable Flat Cable
- 10-Color Repeat to Aid Wire Identification
- Stranded Tinned Copper Conductors
- 80°C Flame-Retardant PVC Insulation
- Voltage Rating: 300V
- Insulation Resistance:  $1 \times 10^9$  Ohms/10' (3)



UL recognized, file no. E42769, style 2776; CSA certified. Sold in 100' spools.

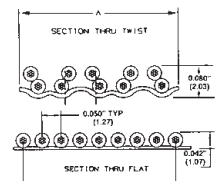
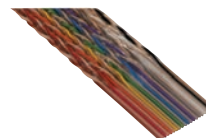
Mfg. Part No.	No. of Conductors	Dimensions		Stock No.	Price per Spool	
		A	B		1-4	5-9
● 3302/9	9	0.450"	0.400"	03F5915	32.50	30.88
● 3302/10 (100')	10	0.500"	0.450"	03F5916	35.70	33.92
● 3302/14 (100')	14	0.700"	0.650"	03F5917	49.98	47.49
● 3302/16 (100')	16	0.800"	0.750"	03F5918	57.12	54.27
● 3302/20 (100')	20	1.000"	0.950"	03F5919	71.40	67.83
● 3302/25 (100')	25	1.250"	1.200"	84F1535	101.31	90.60
● 3302/26 (100')	26	1.300"	1.250"	03F5920	92.82	88.18
● 3302/34 (100')	34	1.700"	1.650"	03F5921	121.38	115.32
● 3302/40 (100')	40	2.000"	1.950"	03F5923	142.80	135.66
● 3302/50 (100')	50	2.500"	2.450"	03F5924	178.50	169.58
● 3302/60 (100')	60	3.000"	2.950"	03F5925	214.20	203.49
● 3302/64 (100')	64	3.200"	3.150"	50F3097	228.48	217.06

(8517)

**0.050" TWISTED PAIR FLAT CABLE — 28 AWG STRANDED, MASS TERMINATABLE**



- Voltage Rating: 300V
- Temperature Rating: -20°C to +80°C
- Passes VW-1 Vertical Wire Flame Test



28 AWG 7x36 (7x0.127) stranded copper conductors, insulated with color-coded PVC, are twisted into pairs and laminated to a clear PVC film to form a planar cable. 18" twisted pair sections are alternated with 2" parallel sections where the conductors can be mass-terminated to a broad line of insulation displacement connectors. Polyvinyl chloride insulator. UL recognized, file no. E42769, style 20462. Sold in 100' spools.

Mfg. Part No.	No. of Conductors	Dimensions		Stock No.	Price per Spool	
		A	B		1-4	5+
● 1700/10 (100')	10	0.50"	0.450"	87F4351	27.41	25.58
● 1700/14 (100')	14	0.70"	0.650"	87F4352	38.37	35.82
● 1700/16 (100')	16	0.80"	0.750"	87F4353	43.85	40.93
● 1700/20 (100')	20	1.00"	0.950"	87F4354	54.81	51.16
● 1700/26 (100')	26	1.30"	1.250"	87F4355	71.25	66.50
● 1700/34 (100')	34	1.70"	1.650"	87F4356	93.18	86.97
● 1700/40 (100')	40	2.00"	1.950"	87F4344	109.62	102.32
● 1700/50 (100FT)	50	2.50"	2.450"	55M7917	137.03	127.89

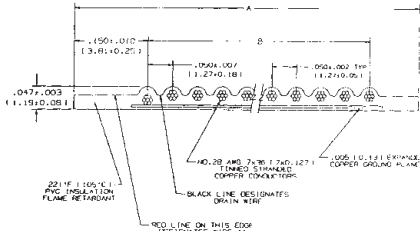
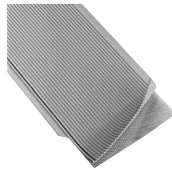
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FLAT CABLE

0.050" TWISTED PAIR FLAT CABLE — 28 AWG STRANDED, MASS TERMINATABLE (CONT.)

Mfg. Part No.	No. of Conductors	Dimensions		Stock No.	Price per Spool	
		A	B		1-4	5+
1700/60 (100')	60	3.00"	2.950"	87F4346	164.43	153.47
1700/64 (100')	64	3.20"	3.150"	87F4347	175.40	163.71

3476 SERIES 0.050" GROUND PLANE, STRANDED, 28 AWG, PVC FLAT CABLE



- Insulation Material: Gray Polyvinyl Chloride
- Insulation Resistance: >1x10<sup>10</sup> ohms/10 ft. (3m)
- Voltage Rating: 300V
- Temperature Rating: -20°C to +105°C

Ground plane construction offers increased signal density or improved transmission properties. 28 AWG, 7x36 tinned, stranded copper conductors on 0.050" (1.27) centers allow mass termination to various IDC connectors. Expanded copper ground plane can be stripped by hand for easy termination. Drain wire terminates the ground plane into the first connector. Flammability rating: VW-1 (USA); FT1 (Canada). UL recognized, file no. E42769, style 2682. Sold in 100' spools.

Mfg. Part No.	No. of Conductors	Dimension (in.)		Stock No.	Price per Spool	
		A	B		1-4	5-9
3476/10 (100')	10	0.75	0.45	34M3114	61.36	55.23
3476/14 (100')	14	0.95	0.65	92B5302	85.91	77.32
3476/16 (100')	16	1.05	0.75	87F4350	98.16	88.35
3476/20 (100')	20	1.25	0.95	87F4337	134.95	121.45
3476/34 (100')	34	1.95	1.65	08C5117	208.58	187.72
3476/37 (100')	37	2.10	1.80	21K2788	227.01	204.31
3476/50-100	50	2.75	2.45	87F4342	337.41	303.67
3476/60 (100')	60	3.25	2.95	87F4343	368.10	331.29
3476/64 (100')	64	3.45	3.15	01E8828	362.34	326.11

2100 SERIES HALOGEN-FREE 0.050" TWISTED PAIR FLAT CABLE



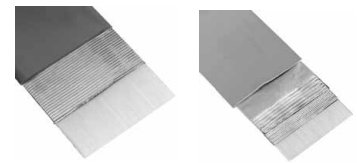
2100 series twisted pair flat cable features 28 AWG (7x36) tinned stranded copper wire on 0.050" centers that permit mass termination to a broad line of IDC connectors. Standard twist-flat 19.7" repeat length includes 17.7" twisted pair section alternated with a 2" flat ribbon section. Halogen-free, flame-retardant insulation helps contain both the spread of smoke and flames along the cable in electrical fires and the drip of burning material. Offers superior crosstalk performance and good flexibility. Noncorrosive and nonconductive features help reduce damage to surrounding equipment. Temperature range: -40°C to +80°C. UL recognized. Sold in 30 meter (98.4') spools.

Mfg. Part No.	No. of Conductors	Width	Stock No.	Price per Spool	
				1-4	5-9
2100/10TP	10 (5 Pair)	0.50"	95B3746	114.50	105.16
2100/16TP	16 (8 Pair)	0.80"	95B3748	183.19	168.25
2100/20TP	20 (10 Pair)	1.00"	95B3749	229.00	210.32
2100/34TP	34 (17 Pair)	1.70"	95B3751	389.30	357.56
2100/40TP	40 (20 Pair)	2.00"	95B3752	457.99	420.64
2100/50TP	50 (25 Pair)	2.50"	95B3753	572.49	525.80
2100/64TP	64 (32 Pair)	3.20"	95B3755	732.79	673.03

Huge Expanded Selection of Semiconductors

Go online to find new technologies and proven solutions from world-class and specialist suppliers.

90101 AND 93101 SERIES PLEATED, FOIL-SHIELDED FLAT CABLE



- 30 AWG tinned copper conductors
- 0.025" wire spacing permits mass IDC termination
- Low crosstalk
- Flexible foil provides 35dB shielding effectiveness

Primarily constructed of thermoplastic elastomer (TPE) material. Heavy-duty, gray PVC jacketing is rated CL2 for improved protection of cable. Insulation resistance: >1x10<sup>10</sup> Ohms/10' (3m). Voltage rating: USA, N.E.C. 725, CL2/Canada, 150V. Temperature rating: USA, CL2 75°C/Canada 80°C. Flammability rating: USA, N.E.C. 725, CL2/Canada, FT1. UL file no. EE118773, power limited circuit cable CL2. UL listed, cUL recognized. Sold in 100' spools.

90101 SERIES — SOLID, PLEATED COPPER FOIL SHIELDED

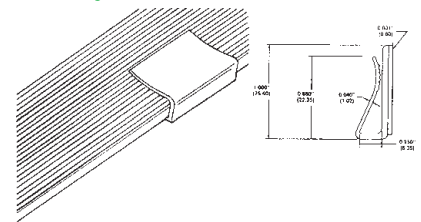
Mfg. Part No.	No. of Conductors	Width (in.)	Stock No.	Price per Spool	
				1-4	5+
90101/20 (100 FT)	20	0.60	68K1980	352.79	
90101/26 (100 FT)	26	0.75	68K1981	458.65	
90101/36 (100 FT)	36	1.00	68K1982	635.03	
90101/40 (100 FT)	40	1.10	68K1983	705.68	
90101/50 (100 FT)	50	1.35	68K1984	882.11	
90101/68 (100 FT)	68	1.80	68K1985	1199.64	
90101/80 (100 FT)	80	2.10	68K1986	1411.35	

93101 SERIES LOW-SKEW — SOLID, PLEATED COPPER FOIL SHIELD WITH COPPER FOIL OVERLAP

Skew of less than 100 picoseconds/meter when terminated in both the unbalanced mode (with even wire signals) and the balanced mode (with ground wire on either side of each signal pair).

93101/50 (100 FT)	50	1.40	68K1996	889.01
93101/68 (100 FT)	68	1.90	68K1998	1209.08

CABLE CLAMPS



- Constructed of Gray PVC
- Flammability Rating: UL94V-0
- Maximum Operating Temperature: 65°C

Organizes cable routing by clamping and retaining up to six layers of flat cable. Clamp has urethane foam tape backing. Sold in packages of 100.

Mfg. Part No.	Stock No.	Price per Package	
		1-9	10-24
3484-1000	94F1485	18.72	17.20

DRAIN WIRE SPRING CLIP

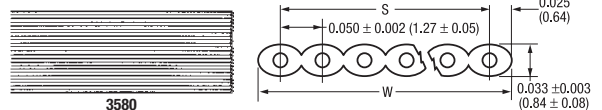
Drain wire spring clips are used to attach a drain wire to the shield of a round cable. The drain wire can then be routed to a metal cabinet or through the connector body to the inside of the cabinet. One size spring clip fits all sizes of cable; 9—64 conductor, while providing the same force for each cable diameter.

Mfg Part No.	Stock No.	Price Each
3535-0000	94F7959	0.82

GRAY FLAT CABLE 0.050" (1.27) CENTERS



Cables you trust. Service you deserve.



- Ideal for use with insulation displacement connectors

Combining economy with reliable performance, this cable is designed for PC board-to-PC board interconnections where space is a premium; flexible interconnects within computer and business machine cabinets and areas where flexibility is needed, such as drawer-enclosed electronic circuitry. 28 AWG, 7 x 36 stranded tinned copper conductors. Gray PVC insulation has red stripe on leading edge. Rated 105°C 300V. Capacitance: 14pF/ft. nominal at 1MHz. Impedance: 105 ohm nominal. Resists acids, alkalis, oil, moisture, solvents, ozone, and fungus. Passes WW-1 flame test (UL listed item only). UL recognized style 2651. CSA certified. Sold in spools of 100'.

Mfg. Part No.	No. of Cond.	Nom. Width (Dim. W)	Span (Dim. S)	100' Spool	
				Stock No.	Price per Spool
3580/9 SL005	9	0.45"(11.43)	0.40"(10.16)	37F3715	44.00
3580/10 SL005	10	0.50"(12.70)	0.45"(11.43)	86K9063	56.34
3580/14 SL005	14	0.70"(17.78)	0.65"(16.51)	02F7839	83.89
3580/15 SL005	15	0.75"(19.05)	0.70"(17.78)	37F3716	70.78
3580/16 SL005	16	0.80"(20.32)	0.75"(19.05)	86K7317	102.41

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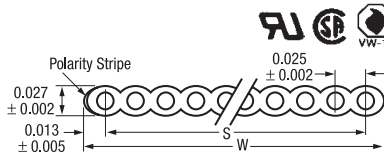
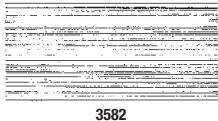


GRAY FLAT CABLE 0.050" (1.27) CENTERS (CONT.)

Mfg. Part No.	No. of Cond.	Nom. Width (Dim. W)	Span (Dim. S)	100' Spool	
				Stock No.	Price per Spool
3580/20 SL005	20	1.00"(25.40)	0.95"(24.13)	02F7841	113.29
3580/24 SL005	24	1.20"(30.48)	1.15"(29.21)	37F3717	154.66
3580/25 SL005	25	1.25"(31.75)	1.20"(30.48)	85K9791	161.31
3580/26 SL005	26	1.30"(33.02)	1.25"(31.75)	85K9792	167.96
3580/34 SL005	34	1.70"(43.18)	1.65"(41.91)	02F7843	228.57
3580/37 SL005	37	1.85"(46.99)	1.80"(45.72)	86K7318	248.14
3580/40 SL005	40	2.00"(50.80)	1.95"(49.53)	02F7844	254.64
3580/50 SL005	50	2.50"(63.50)	2.45"(62.23)	86K9064	335.16
3580/64 SL005	64	3.20"(81.28)	3.15"(80.01)	37F3720	434.06

(6231)

GRAY FLAT CABLE 0.025" (0.635) CENTERS



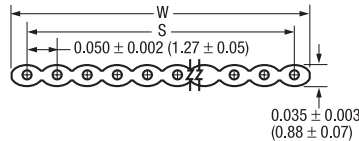
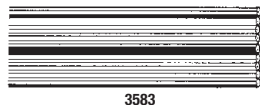
- Ideal for use with insulation displacement connectors

For easy termination to 0.025" (0.635) IDCs where space reduction is critical. Economical alternative to fluorocarbon transmission cables and for surface-mounted connectors with reduced contact spacing. 30 AWG solid bare copper conductors. Gray PVC insulation has red stripe on leading edge. Rated 105°C 150V. Capacitance: 25pF/ft. nominal at 1KHz. Impedance: 78 ohms. Maximum thickness 0.025" (0.635). Passes VW-1 flame test. UL recognized style 2962, 2678. CSA certified. **Sold in spools of 100'.**

Mfg. Part No.	No. of Cond.	Nom. Width (Dim. W)	Span (Dim. S)	100' Spool	
				Stock No.	Price per Spool
3582/26 SL005	26	0.75" (19.05)	0.725" (18.42)	04F6007	154.84
3582/40 SL005	40	1.00" (25.40)	0.975" (24.77)	04F6008	177.70
3582/50 SL005	50	1.25" (31.75)	1.225" (31.12)	89K8193	355.02
3582/60 SL005	60	1.50" (38.10)	1.475" (37.47)	04F6010	473.86

(6232)

THERMALLY BONDED COLOR-CODED FLAT CABLE 0.050" (1.27) CENTERS



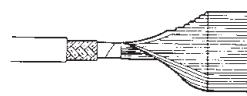
- Ideal for use with insulation displacement connectors

Designed for termination flexibility. Applications: PC board-to-PC board interconnections where space is a premium; flexible interconnects within computer and business machine cabinets; flexible connections such as a drawer-enclosed electronic circuitry. 28 AWG, 7 x 36 stranded tinned copper conductors. 0.010" (0.254) nominal wall PVC insulation. Color code: brown, red, orange, yellow, green, blue, violet, gray, white, and black (colors repeat). Rated 105°C 300V. Capacitance: 14pF/ft. nominal at 1MHz. Impedance: 98 ohms nominal. Resists acids, alkalis, oil, moisture, solvents, ozone, and fungus. Maximum thickness: 0.035" (0.889). Passes VW-1 flame test. UL recognized style 20932. CSA certified. **Sold in spools of 100'.**

Mfg. Part No.	No. of Cond.	Nom. Width (Dim. W)	Span (Dim. S)	100' Spool	
				Stock No.	Price per Spool
3583/9 MC005	9	0.45"(11.43)	0.40"(10.16)	86K9065	104.63
3583/10 MC005	10	0.50"(12.70)	0.45"(11.43)	03F2279	130.06
3583/14 MC005	14	0.70"(17.78)	0.65"(16.51)	03F2280	194.09
3583/15 MC005	15	0.75"(19.05)	0.70"(17.78)	85K9793	164.07
3583/16 MC005	16	0.80"(20.32)	0.75"(19.05)	03F2281	236.08
3583/20 MC005	20	1.00"(25.40)	0.95"(24.13)	86K7319	294.88
3583/24 MC005	24	1.20"(30.48)	1.15"(29.21)	85K9794	362.43
3583/25 MC005	25	1.25"(31.75)	1.20"(30.48)	86K7320	295.83
3583/26 MC005	26	1.30"(33.02)	1.25"(31.75)	03F2283	353.59
3583/34-100	34	1.70"(43.18)	1.65"(41.91)	03F2284	480.99
3583/37 MC005	37	1.85"(46.99)	1.80"(45.72)	85K9795	523.36
3583/40 MC005	40	2.00"(50.80)	1.95"(49.53)	89K8194	570.95
3583/50 MC005	50	2.50"(63.50)	2.45"(62.23)	03F2286	777.20
3583/60 MC005	60	3.00"(76.20)	2.95"(74.93)	03F2287	943.35
3583/64 MC005	64	3.20"(81.28)	3.15"(80.01)	37F3726	1006.15

(6233)

SHIELDED ROUND-TO-FLAT CABLE



0.050" (1.27) center cable for routing in cramped spaces where flat cable is required and round shape is more workable. Jacketed cable features a dual shield of aluminum/polyester tape and a 85% coverage of tinned copper braid shield. Blends mass termination and ease of installation flexibility of round cable. Dual shield meets FCC regulations for EMI/RFI suppression. 28 AWG, 7 x 36 stranded conductor; 0.75" (19.05) termination area occurs every 1.5" (38.10). PVC insulation and black PVC jacket. Rated 300V - AWM, 150V - CL2. Temperature rating: -20°C to +105°C. Capacitance: 24pF/ft. nominal at 1MHz. Impedance: 70 ohms nominal. UL AWM Style 20381, UL Type CL2. UL recognized. **Sold in spools of 100'.**

28 AWG, 7 x 36 STRANDED, INSULATION THICKNESS 0.01"

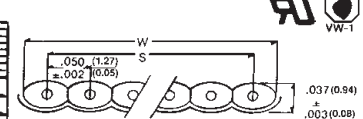
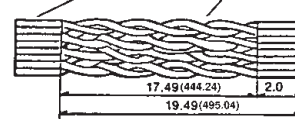
Mfg. Part No.	No. of Cond.	Nom. Dia.	Nom. Width (Dim. W)	100' Spool	
				Stock No.	Price per Spool
3585/26 BK005	26	0.318" (8.08)	1.30" (33.02)	04F6000	534.38
3585/40 BK005	40	0.413" (10.49)	2.00" (50.80)	04F6001	875.33
3585/50 BK005	50	0.438" (11.13)	2.50" (63.50)	85K9796	1120.05

(6234)

TWIST-TO-FLAT CABLE



Mass termination section Twist section



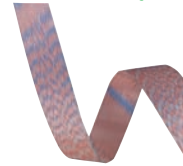
Twisted-pair flat cable with 0.007" (0.178) clear laminated film backing eliminates crosstalk in mass termination 0.050" (1.27) IDCs. 28 AWG, 7 x 36 stranded tinned copper conductor, PVC insulation. 10 standard color repeat. Rated 105°C, 300V. Capacitance: 21pF/ft. nominal. Impedance: 100 ohms. 0.037" (0.940) overall thickness. Twisted lengths 17.5" (457.2); flat lengths 2" (50.8). Passes VW-1 flame test. UL recognized style 20184. Other sizes available; go online or call. **Sold in spools of 100'.**

28 AWG, 7 x 36 STRANDED, INSULATION THICKNESS 0.01"

Mfg. Part No.	No. of Cond.	Nom. Width (Dim. W)	Span (Dim. S)	100' Spool	
				Stock No.	Price per Spool
3586/50 MC005	50	2.500" (63.50)	2.450" (62.23)	04F6005	1127.27
3586/60 MC005	60	3.000" (76.20)	2.950" (74.93)	04F6006	1230.60

(6235)

125 SERIES FULLY LAMINATED TWIST 'N' FLAT® CABLE



Twist 'N' Flat 0.025" pitch internal SCSI cable offers programmable twist-length sections and a fully laminated construction. Ideal for single-ended, LVD SCSI, Ultra160 and Ultra320 higher-frequency applications. Available in 30 AWG solid and 30 AWG 7/38 stranded construction with PVC and TPO insulation. Dimensions: width: 1.707"; span: 1.675" +/- 0.010". Temperature: 80°C. Voltage: 150V. UL approved and CSA certified. **Sold in 250' spools.**

Mfg. Part No.	Description	Min. Twist (in.)	Impedance Ω Single-Ended/Differential	Stock No.	Price per Spool
					1-5
125-3011-068	30 AWG Solid, TPO, Ultra160	3.5	93/130	94B9826	870.99
125-3017-068	30 AWG 7/38 Strand, TPO, Ultra320	3.5	90/122	80K6218	841.96
125-3096-900	30 AWG Solid, TPO, Ultra320	3.5	90/122	88K1334	841.97

(48277)

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(148886)

FLAT CABLE

**169-2832 SERIES LOOSE PAIR ROUND TWIST 'N' FLAT JACKETED SHIELDED CABLE**



Combines the electrical performance and handling features of discrete twisted pair cable with the mass termination features of flat ribbon cable. PVC laminated on flat sections only with loose pairs on twist section. Insulation: PVC, 0.010" wall. Shielding: aluminum/polyester foil, with a minimum 90% coverage tinned copper braid. Jacket: PVC, 0.030" wall. Thickness: 0.042" +/- 0.003". Pitch: 0.050" +/- 0.005". Twist length: 17.5". Flat length: 2.50". Color code: brown, red, orange, yellow, green, blue, violet, gray, white, black and repeat with tan common. UL recognized 20130 (inner cable); 20381 (composite). CSA certified, CL2 certified. **Sold in 100' spools.** Additional twist lengths available; go online or call Newark.

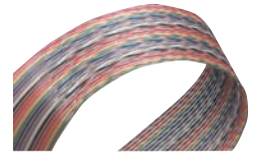


**132 SERIES TWIST 'N' FLAT® PLANAR CABLE**



• 0.050" (1.27) Conductor Spacing

For mass termination to IDC connectors. Double-contoured flat sections enable termination from either side. Twisted pair centers: 0.100" (2.54) nominal; conductor centers in flats: 0.050" (1.27). Color-coded PVC insulation. Cable thickness: 0.042" (1.07) flat section. Voltage rating: 300V. Current rating: 1A. Temperature rating: 80°C. Impedance: 100Ω. Conductors: 28 AWG, 7/8 stranded tinned copper. UL recognized, style 2697. CSA certified. **Sold in spools of 100'.**



Mfg. Part No.	No. of Pairs	Width (in.)	Ref. Dia. (in.)	Stock No.	Price per Spool	
					1-4	5-9
● 169-2832-020	10	1.026	0.25	88K1344	186.83	
● 169-2832-026	13	1.326	0.31	88K1345	213.43	
● 169-2832-034	17	1.726	0.36	88K2113	233.54	
● 169-2832-040	20	2.026	0.39	88K1346	251.87	
● 169-2832-050	25	2.526	0.43	35B4760	289.99	
● 169-2832-060	30	3.026	0.47	88K1347	336.00	

(84850)

Mfg. Part No.	No. of Pairs	Width (in.)	Stock No.	Price per Spool	
				1-4	5-9
● 132-2801-010	5	0.526	78K6392	38.88	35.89
● 132-2801-026	13	1.326	78K6393	93.70	85.67
● 132-2801-036	18	1.826	88K2109	152.15	144.54
● 132-2801-040	20	2.026	78K6394	132.47	122.86
● 132-2801-050	25	2.526	78K6395	172.24	159.76
● 132-2801-060	30	3.026	88K1497	349.26	318.97
● 132-2801-064	32	3.226	78K6396	213.60	191.98

(8263)

**191-2801 SERIES SPECTRA-ZIP® PLANAR CABLE**



Precise 0.050" (1.27) conductor spacing for mounting IDC connectors. Cable thickness: 0.035" (0.89). Insulation: Gray PVC, flame retardant VW-1. Voltage rating: 300V. Current rating: 1A. Temperature rating: 105°C. Impedance: 105Ω. Conductors: 28 AWG, 7/8 stranded tinned copper. UL recognized, style 2651. CSA certified. 105°C, 300V. **Sold in spools of 100'.**

Mfg. Part No.	No. of Cond.	Width (in.)	Stock No.	Price per Spool	
				1-24	25-49
● 191-2801-116	16	0.8	78K6414	33.17	30.71
● 191-2801-120	20	1	78K6415	37.25	34.39
● 191-2801-125	25	1.25	78K6416	39.10	36.09
● 191-2801-126	26	1.3	78K6417	40.66	37.53
● 191-2801-134	34	1.7	78K6418	51.05	47.12
● 191-2801-140	40	2	78K6419	60.06	55.44
● 191-2801-150	50	2.5	78K6420	70.60	69.30
● 191-2801-164	64	3.2	78K6421	106.93	99.00

(8264)

**159-2832 SERIES ROUND TWIST 'N' FLAT™ CABLE**



Jacketed, shielded cable combines round cable and mass termination capabilities of flat cable. 2 1/2" flat IDC termination. 0.050" (1.27) conductor spacing. Voltage rating: 300V. Impedance: 70Ω. Temperature rating: -20°C to +105°C. UL recognized. **Sold in spools of 100'.**

Mfg. Part No.	Pairs	Width (in.)	Ref. Dia. (in.)	Stock No.	Price per Spool	
					1-4	5-9
● 159-2832-020	10	1.026	0.38	78K6409	204.44	190.44
● 159-2832-026	13	1.326	0.41	78K6410	220.80	197.57
● 159-2832-034	17	1.726	0.45	78K6411	253.56	227.22
● 159-2832-040	20	2.026	0.48	78K6412	275.57	246.95
● 159-2832-050	25	2.526	0.53	78K6413	312.64	280.15
● 159-2832-064	32	3.226	0.57	78K6145	351.61	317.58

(8266)

**191-2811 SERIES SPECTRA-FLEX™ HIGH FLEX LIFE FLAT CABLE**



Designed for applications that require repeated flexing without circuit interruption including printers, plotters, robotics. Flex life of >100 million cycles (rolling flex test, 5 1/2" stroke with 1" bend radius. 28AWG 19 x 40 silver plated copper alloy conductor. Insulation: blue PVC, flame resistant VW-1, with one red edge. Thickness 0.035" ±0.003". Pitch spacing: 0.050". Voltage rating: 300V. Temperature rating: 105°C. UL recognized, style 2651. **Sold in 100' spools.**

Mfg. Part No.	No. of Cond.	Width (in.)	Stock No.	Price per Spool	
				1-4	5+
● 191-2811-010	10	0.500	35B4800	125.39	107.00
● 191-2811-014	14	0.700	35B4801	176.86	150.92
● 191-2811-016	16	0.800	35B4802	202.15	172.49
● 191-2811-020	20	1.000	35B4803	254.66	217.31
● 191-2811-026	26	1.300	35B4806	291.18	251.21
● 191-2811-034	34	1.700	35B4807	418.83	361.34
● 191-2811-040	40	2.000	35B4809	520.51	500.67
● 191-2811-050	50	2.500	34M4139	617.52	596.63

(90477)

**159-2801 SERIES ROUND 'N' FLAT™ CABLE**



Jacketed shielded cable combines round cable with mass termination capabilities of flat cable. 3/4" flat IDC termination. 0.050" (1.27) conductor spacing. Voltage rating: 300V. Impedance: 75Ω. Temperature rating: -20°C to +105°C. UL recognized. **Sold in spools of 100'.**

Mfg. Part No.	No. of Cond.	Width (in.)	Outer Dia. (in.)	Ref. Dia. (in.)	Stock No.	Price per Spool	
						1-4	5+
● 159-2801-025	25	1.25	0.36	0.36	78K6403	143.68	133.71
● 159-2801-026	26	1.3	0.36	0.36	78K6404	146.87	136.68
● 159-2801-034	34	1.7	0.4	0.4	78K6405	165.97	154.44
● 159-2801-040	40	2	0.43	0.43	78K6406	177.41	165.08
● 159-2801-050	50	2.5	0.48	0.48	78K6407	202.87	188.78
● 159-2801-060	60	3	0.52	0.52	78K6408	219.80	196.97

(8265)

**135 SERIES 3C® COLOR-CODED PLANAR CABLE**




For digital and analog signal transmission. Voltage rating: 300V. Current rating: 1A. Temperature rating: 105°C. Impedance: 105Ω. Conductors: 28 AWG, 7/8 strand, tinned copper. UL recognized. **Sold in spools of 100'.**

Mfg. Part No.	No. of Cond.	Width (in.)	Stock No.	Price per Spool	
				1-4	5-9
● 135-2801-010	10	0.505	78K6397	43.31	39.98
● 135-2801-020	20	1.005	78K6398	72.05	66.51
● 135-2801-026	26	1.305	78K6399	86.68	81.03

▶ CONTINUED ▶

3

# FLAT CABLE • HIGH TEMPERATURE/HIGH VOLTAGE WIRE

ROWE INDUSTRIES, INC. 

## 135 SERIES 3C<sup>®</sup> COLOR-CODED PLANAR CABLE (CONT.)

Mfg. Part No.	No. of Cond.	Width (In.)	Stock No.	Price per Spool	
				1-4	5-9
● 135-2801-034	34	1.705	78K6400	101.99	93.24
● 135-2801-040	40	2.005	78K6401	122.83	112.30
● 135-2801-050	50	2.505	78K6402	141.50	131.39

(8211)

## HIGH-TEMPERATURE CONTROL AND INSTRUMENTATION CABLE



83303E

Silver-plated copper conductors, cabled and color coded. Extruded TFE Teflon™ insulated, with white TFE Teflon™ tape wrapped jacket. Working voltage: 600V. Meets MIL-W-16878/4 (Type E) specifications where noted. UL recognized.

### 26 AWG (7x34) STRANDED CONDUCTORS MIL-SPEC MIL-W-16878/4 (TYPE E)

Mfg. Part No.	No. of Cond.	Nom. O.D. (in.)	Nom. Cap.* (pF/ft.)	100' Spool		500' Spool		1000' Spool	
				Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 83303E	1	0.075	...	...	...	12K0056	1055.92	12K0055	2003.84
● 83317E	2	0.108	20.8	...	...	12K0069	1389.96	12K0068	2637.77
● 83332E	3	0.122	18.8	...	...	...	...	12K0083	3068.63
● 83347E	4	0.131	18.5	...	...	12K0101	1737.30	12K0100	3296.92

### 24 AWG (19x36) STRANDED CONDUCTORS COMPLIES WITH MIL-W-16878/4 (TYPE E) EXCEPT STRANDING

Mfg. Part No.	No. of Cond.	Nom. O.D. (in.)	Nom. Cap.* (pF/ft.)	100' Spool		500' Spool		1000' Spool	
				Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 83304E	1	0.082	...	...	...	12K0058	1123.41	12K0057	2131.93
● 83318E	2	0.128	26.5	...	...	87K1720	1337.43	12K0071	2538.07
● 83333E	3	0.134	21.9	...	...	12K0086	1978.77	12K0085	3755.17
● 83348E	4	0.146	21.9	...	...	12K0104	2179.15	12K0103	4135.43

### 22 AWG (19x34) STRANDED CONDUCTORS COMPLIES WITH MIL-W-16878/4 (TYPE E) EXCEPT STRANDING

Mfg. Part No.	No. of Cond.	Nom. O.D. (in.)	Nom. Cap.* (pF/ft.)	100' Spool		500' Spool		1000' Spool	
				Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 83305E	1	0.087	...	...	...	87K1719	1016.14	12K0060	2157.14
● 83334E	3	0.147	27.4	...	...	12K0089	2245.24	12K0088	4260.84
● 83349E	4	0.16	27.4	...	...	12K0107	2500.17	12K0106	4744.64

### 20 AWG (19x32) STRANDED CONDUCTORS MIL-SPEC MIL-W-16878/4 (TYPE E) EXCEPT STRANDING

Mfg. Part No.	No. of Cond.	Nom. O.D. (in.)	Nom. Cap.* (pF/ft.)	100' Spool		500' Spool		1000' Spool	
				Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 83306E	1	0.099	...	...	...	...	...	12K0063	2384.76
● 83320E	2	0.158	31.7	...	...	73J7021	1871.76	...	...
● 83335E	3	0.167	31.7	...	...	12K0092	2526.57	12K0091	4794.74
● 83350E	4	0.183	31.7	87K6279	612.74	12K0136	2914.65	87K1731	5531.21

### 18 AWG (19x30) STRANDED CONDUCTORS COMPLIES WITH MIL-W-16878/4 (TYPE E) EXCEPT STRANDING

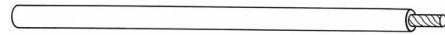
Mfg. Part No.	No. of Cond.	Nom. O.D. (in.)	Nom. Cap.* (pF/ft.)	100' Spool		500' Spool		1000' Spool	
				Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 83307E	1	0.109	...	...	...	...	...	12K0064	2612.72
● 83321E	2	0.183	31	...	...	87K1724	2258.61	...	...
● 83336E	3	0.188	31	12K0093	629.37	12K0095	2993.76	...	...
● 83351E	4	0.206	31	12K0137	719.30	87K1732	3421.53	12K0138	6493.13

### 16 AWG (19x29) STRANDED CONDUCTORS COMPLIES WITH MIL-W-16878/4 (TYPE E) EXCEPT STRANDING

Mfg. Part No.	No. of Cond.	Nom. O.D. (in.)	Nom. Cap.* (pF/ft.)	100' Spool		500' Spool		1000' Spool	
				Stock No.	Price per Spool	Stock No.	Price per Spool	Stock No.	Price per Spool
● 83308E	1	0.12	...	...	...	12K0066	1483.77	12K0065	2815.79
● 83322E	2	0.192	36	...	...	71J2887	2408.56	70J9523	4570.79
● 83337E	3	0.203	30.7	87K1728	657.73	...	...	12K0097	5937.36
● 83352E	4	0.223	30.2	12K0140	882.49	12K0142	4197.78	12K0141	7966.24

\*Capacitance between conductors (78998)

## R790 SERIES SUPER TOUGH HIGH-VOLTAGE SILICONE WIRE




R790 series super-tough, high-voltage silicone lead wire uses Rowe silicone compound R790. This compound was specially developed for high abrasion resistant requirements and also exhibits excellent dielectric capabilities in extreme environments. Used in military, space, and industrial areas. Temperature rating: -40°C to +200°C, voltage rating: 2 thru 60 kVDC. Silver-plated copper conductors, silicone insulation, corona-resistant, and high flexibility. Can be autoclaved Meets or exceeds MIL-W-16878 specifications. Can be used in military, aerospace, and industrial applications requiring high abrasion and voltage resistance while maintaining flexibility. Color: white. Other colors available, go online or call.

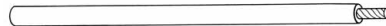
Mfg. Part No.	AWG	Voltage	Nom. O.D.	100' Spool		1000' Spool	
				Stock No.	Price per Spool	Stock No.	Price per Spool
R790-0522	22	5,000	0.070" (1.778)	05F1280	273.00	05F1281	1591.20
R790-1522	22	15,000	0.110" (2.794)	05F1282	241.80	05F1284	1286.54
R790-2022	22	20,000	0.130" (3.302)	05F1285	195.00	05F1286	1170.00
R790-1520	20	15,000	0.120" (3.048)	05F1289	304.20	05F1290	1872.00
R790-2020	20	20,000	0.150" (3.810)	05F1291	296.40	05F1292	1950.00
R790-2520	20	25,000	0.166" (4.216)	05F1293	296.40	05F1294	1181.21
R790-2518	18	25,000	0.160" (4.064)	05F1295	324.48	05F1296	3042.00
R790-2016	16	20,000	0.110" (4.089)	05F1297	507.00	...	...
R790-3516	16	35,000	0.265" (6.731)	05F1299	678.60	05F1300	7675.20
R790-4516	16	45,000	0.300" (7.620)	05F1302	819.00	05F1304	5460.00
R790-6016	16	60,000	0.380" (9.652)	05F1306	1174.68	05F1307	1151.28
R790-6014	14	60,000	0.385" (9.779)	05F1308	1297.92	05F1310	10982.40
R790-2012	12	20,000	0.205" (5.207)	05F1313	858.00	...	...
R790-5012	12	50,000	0.414" (10.516)	05F1316	1450.80	05F1321	14665.57
R790-6012	12	60,000	0.425" (10.795)	05F1322	1560.00	05F1323	13338.00

\*Price per foot (6255)

## UL 3239 HIGH-VOLTAGE SILICONE WIRE



ROWE INDUSTRIES, INC. 



UL 3239 style high-voltage silicone lead wire features Rowe compound R800 developed for high-abrasion resistance requirements and also exhibits excellent dielectric capability in extreme environments. Can be used in power supplies, electronic equipment, and other applications requiring high abrasion, voltage, and flame resistance, while maintaining flexibility. Silicone insulation, corona-resistant, temperature rating: -40°C to +150°C, voltage rating: 50kVDC. Tin-plated copper conductor, flame retardant. Can be autoclaved. Passes UL VW-1 vertical wire flame test. UL recognized. Color: white. Other colors available: go online or call.

Mfg. Part No.	AWG	Voltage	Nom. O.D.	100' Spool		1000' Spool	
				Stock No.	Price Each	Stock No.	Price Each
R800-1022	22	10,000	0.112" (2.845)	05F1324	312.00	05F1325	780.00
R800-1522	22	15,000	0.122" (3.098)	05F1326	199.68	05F1327	7690.81
R800-2022	22	20,000	0.145" (3.683)	05F1328	226.20	05F1329	1326.00
R800-2522	22	25,000	0.175" (4.445)	05F1330	312.00	05F1331	611.96
R800-3022	22	30,000	0.215" (5.461)	05F1332	351.00	05F1333	1716.00
R800-4022	22	40,000	0.272" (6.909)	05F1394	483.60	05F1395	1950.00
R800-1020	20	10,000	0.118" (2.997)	05F1334	210.60	05F1335	523.72
R800-1520	20	15,000	0.128" (3.251)	05F1336	218.40	05F1337	597.60
R800-2020	20	20,000	0.150" (3.810)	05F1338	304.20	05F1339	1014.00
R800-2520	20	25,000	0.182" (4.623)	05F1340	231.22	05F1341	637.57
R800-3020	20	30,000	0.220" (5.588)	05F1342	358.80	05F1343	1482.00
R800-4020	20	40,000	0.278" (7.061)	05F1344	714.48	05F1345	1400.39
R800-1518	18	15,000	0.140" (3.556)	05F1346	280.80	05F1347	858.00
R800-2518	18	25,000	0.195" (4.953)	05F1348	374.40	05F1349	1482.00
R800-4018	18	40,000	0.230" (5.842)	05F1352	728.52	05F1353	2620.80
R800-1516	16	15,000	0.146" (3.708)	05F1354*	305.76	05F1356	1170.00
R800-2516	16	25,000	0.200" (5.080)	05F1360	335.40	...	...
R800-4016	16	40,000	0.300" (7.620)	05F1364	864.24	05F1368	3276.00
R800-1514	14	15,000	0.162" (4.115)	05F1369	351.00	05F1371	1482.00
R800-2514	14	25,000	0.216" (5.486)	05F1372	327.60	05F1373	1606.80
R800-4014	14	40,000	0.315" (8.001)	05F1374	827.58	05F1377	3510.00
R800-1512	12	15,000	0.180" (4.572)	05F1380	702.00	05F1383	2106.00
R800-4012	12	40,000	0.335" (8.509)	05F1384	803.40	05F1385	3728.40
R800-1510	10	15,000	0.205" (5.207)	...	...	05F1387	4492.80
R800-4010	10	40,000	0.360" (9.144)	05F1388	397.80	05F1389	3822.00

\*Price per foot (6256)



## Current Order Status & History

Check the status of your current order or access past orders from our website under MY ACCOUNT eSuite. Log in or register today.

(148881)

HIGH TEMPERATURE/HIGH VOLTAGE WIRE

TYPE E MIL-W-16878/4 BRAIDED SHIELD MULTICONDUCTOR CABLE



Ideal for high ambient temperature applications. For use in aircraft and ground support equipment, but also perfect for general electrical and electronics use including commercial applications. Silver-plated copper conductors meet military specifications MIL-W-16878/4, Type E. Features color-coded Teflon<sup>®</sup> TFE insulation, silver-plated copper braided shield, 85% coverage, and white tape wrapped Teflon<sup>®</sup> TFE jacket. Operating temperature: -55 to +200°C. Rated: 600V. UL listed. Sold in 100' and 1000' spools.

Mfg. Part No.	No. of Cond.	AWG (Stranding)	Nom. O.D. (In.)	100' Spool		1000' Spool	
				Stock No.	Price per Spool	Stock No.	Price per Spool
M1213	3	24 (19 x 36)	0.136	05R8795	46.36	05R8794	1951.81
M1214	4	24 (19 x 36)	0.151	05R8797	431.68	05R8796	2436.46
M1221	1	22 (19 x 34)	0.089	05R8799	142.53	05R8798	901.13
M1222	2	22 (19 x 34)	0.144	05R8801	289.77	05R8800	1828.45
M1223	3	22 (19 x 34)	0.156	05R8803	338.99	05R8802	2140.25
M1224	4	22 (19 x 34)	0.166	05R8805	494.56	05R8804	2934.24
M1233	3	20 (19 x 32)	0.175	05R8807	406.09	05R8806	2566.68
M1234	4	20 (19 x 32)	0.185	05R8809	489.34	05R8808	3097.14
M1243	3	18 (19 x 30)	0.196	05R8811	497.29	05R8810	3145.96
M1244	4	18 (19 x 30)	0.215	05R8813	606.03	05R8812	3831.96
M1253	3	16 (19 x 29)	0.218	05R8815	592.48	05R8814	3747.47
M1254	4	16 (19 x 29)	0.235	05R8817	820.99	05R8816	5188.46

Teflon<sup>®</sup> is a registered trademark of E.I. DuPont de Nemours and Co. (6251)

TUFLEX™ HIGH-VOLTAGE SILICONE WIRE



For use in military, industrial, electronic, and commercial applications where flexibility and high voltage are necessary. Meets UL VW-1 requirements. Meets or exceeds MIL-W-16878 specifications for abrasion, chemical, corona, flammability, fungus, moisture and ozone. Conductor: Silver-plated copper. Insulation: specially formulated silicone-based material. Temperature range: 200°C max. Color: white. Sold in 100' and 1000' spools.

Mfg. Part No.	AWG (Stranding)	Voltage (kV)	Nom. O.D. (In.)	100' Spool		1000' Spool	
				Stock No.	Price per Spool	Stock No.	Price per Spool
39X2205	22 (7 x 30)	5	0.07	27M1335	126.59	18C5289	1094.02
39X2215	22 (7 x 30)	15	0.11	18C5290	156.84	18C5292	1355.24
39X2220	22 (7 x 30)	20	0.13	19M8498	182.72	18C5295	1579.42
39X2015	20 (19 x 32)	15	0.12	27M1333	190.68	18C5280	1648.15
39X2020	20 (19 x 32)	20	0.15	19M8497	211.96	18C5283	1654.10
39X2025	20 (19 x 32)	25	0.166	27M1334	209.29	18C5286	1659.63
39X1825	18 (19 x 30)	25	0.16	19M8496	242.47	18C5277	2096.30
39X1620	16 (19 x 29)	20	0.161	27M1331	383.71	18C5265	3316.59
39X1635	16 (19 x 29)	35	0.265	18C5266	594.97	18C5268	4817.46
39X1645	16 (19 x 29)	45	0.3	18C5269	616.69	18C5271	5330.19
39X1660	16 (19 x 29)	60	0.38	27M1332	968.34	18C5274	8369.80
39X1460	14 (19 x 27)	60	0.385	18C5260	1073.64	18C5262	8513.00
39X1260	12 (19 x 25)	60	0.445	18C5257	1381.05	...	...

(60278)

MGT SERIES HIGH-TEMPERATURE LEAD WIRE



Feature nickel-coated copper conductor insulated with mica/glass composite and treated glass braid overall. Rated: 600V. Temperature range: UL 450°C; 538°C continuous. Offers excellent thermal stability. Ideal for use in heat treating furnaces, kilns, food service equipment, and with other high-temperature requirements. UL Style 5107, CSA AWM. Color: natural. UL recognized, CSA certified. Sold in 100' and 500' spools.

Mfg. Part No.	AWG (Stranding)	Nom. O.D. (In.)	100' Spool		500' Spool	
			Stock No.	Price per Spool	Stock No.	Price per Spool
3111816	18 (16x30)	0.117	19M8482	269.23	04F9547	994.33
3111626	16 (26x30)	0.128	27M1327	339.59	04F9549	1290.31
3111441	14 (41x30)	0.144	27M1326	455.54	04F9551	1473.36
3111265	12 (65x30)	0.161	04F9552	608.82	04F9553	2439.34
3111000	10 (105x30)	0.223	04F9554	909.87	04F9555	3572.16
3118133	8 (133x29)	0.26	04F9556	1565.17	04F9557	5664.01
3116133	6 (133x27)	0.305	04F9558	1987.30	...	...

(6240)

MIL-DTL-27500 AND MIL-W-22759/16 MULTICONDUCTOR CABLE



Feature stranded tinned copper conductors per MIL-W-22759/16, braided tinned-copper shield, 85% coverage, and ETFE insulation and jacket. Temperature range: -55°C to +150°C. Rated: 600V. Sold in 100' and 1000' spools.

Mfg. Part No.	No. of Cond.	AWG (Stranding)	Nom. O.D. (In.)	Mil. Spec. M27500-	100' Spool		1000' Spool	
					Stock No.	Price per Spool	Stock No.	Price per Spool
M275002201	1	22 (19/34)	0.088	22TE1T14	19M8449	100.87	...	...
M275002202	2	22 (19/34)	0.142	22TE2T14	04F6509	188.26	...	...
M275002203	3	22 (19/34)	0.15	22TE3T14	04F6505	246.83	...	...
M275002204	4	22 (19/34)	0.169	22TE4T14	04F6511	204.01	04F6512	1907.46
M275002001	1	20 (19/32)	0.096	20TE1T14	04F6503	102.29	04F6504	701.92
M275002002	2	20 (19/32)	0.158	20TE2T14	04F6491	210.18	...	...
M275001801	1	18 (19/30)	0.107	18TE1T14	04F6495	125.30	04F6496	859.38
M275001802	2	18 (19/30)	0.186	18TE2T14	04F6497	266.87	...	...

(6268)

TGGT SERIES HIGH-TEMPERATURE LEAD WIRE



Feature nickel-plated copper conductor insulated with PTFE tapes followed by double glass serves and treated glass braid overall. Voltage rating: 600 volts. Temperature range: 250°C continuous. Built to withstand repeated flexing and severe mechanical abuse. Moisture resistant and chemically inert. UL: Styles 5196, 5127, CSA: AWM. Color: natural. UL recognized, CSA certified. Sold in 100' and 500' spools. Also available in 1000' spools; go online or call.

Mfg. Part No.	AWG (Stranding)	Nom. O.D. (In.)	100' Spool		500' Spool	
			Stock No.	Price per Spool	Stock No.	Price per Spool
3131816	18 (16/30)	0.108	03F7295	225.51	03F7296	756.25
3131626	16 (26/30)	0.123	27M1329	229.59	03F7298	842.82
3131441	14 (41/30)	0.14	03F7299	327.43	03F7300	1098.16
3131265	12 (65/30)	0.161	03F7301	451.80	03F7302	1513.57
3131000	10 (105/30)	0.184	27M1328	579.45	03F7304	1940.78
3138133	8 (133/29)	0.23	03F7305	958.96	03F7306	2947.45

(6238)

MIL-DTL-27500 AND MIL-W-22759/11 MULTICONDUCTOR CABLE



Feature silver-plated copper conductors, per MIL-W-22759/11, PTFE insulation, tinned-copper braided shield, 85% coverage, and extruded ETFE jacket. Temperature range: -55°C to +150°C. Rated: 600V. Ideal for primary use in aircraft and ground support equipment; also general electrical and electronic applications. Sold in 100' spools.

Mfg. Part No.	No. of Cond.	AWG (Stranding)	Nom. O.D. (In.)	Military Spec.	100' Spool	
					Stock No.	Price per Spool
● 24RC2S06	2	24 (19/36)	0.124	M27500-24RC2S06	19M8481	313.02
● 24RC3S06	3	24 (19/36)	0.13	M27500-24RC3S06	91F7333	274.79
● 24RC4S06	4	24 (19/36)	0.142	M27500-24RC4S06	91F7334	478.40
● 22RC2S06	2	22 (19/34)	0.136	M27500-22RC2S06	91F7329	340.64
● 22RC3S06	3	22 (19/34)	0.143	M27500-22RC3S06	91F7330	295.68
● 22RC4S06	4	22 (19/34)	0.156	M27500-22RC4S06	91F7331	360.64
● 20RC2S06	2	20 (19/32)	0.154	M27500-20RC2S06	27M1292	391.51
● 20RC3S06	3	20 (19/32)	0.163	M27500-20RC3S06	91F7337	346.76
● 20RC4S06	4	20 (19/32)	0.184	M27500-20RC4S06	91F7338	645.28
● 18RC2S06	2	18 (19/30)	0.18	M27500-18RC2S06	91F7335	460.59

(16032)



TechCast® Product Training

Use the library of online training modules located on our homepage under Useful Tools, with specific guidance for complex solutions.

(148854)

PVC INSULATION HOOK-UP WIRE — MIL-W-76 TYPE MWP

- Solid or stranded tinned copper conductor
- Passes VW-1 flame test
- Stocked in 10 colors



Order MIL-DTL-16878/1 PVC insulation hook-up wire and additional PVC insulation hook-up wire separately; go online or call.

MIL-W-76 TYPE MWP STRANDED 0.016" (0.406) INSULATION 80°C 1000V 100' SPOOL

Mfg. Part No.	AWG	Stranding	Nom. O.D. (In.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	100' Spool Price per Spool
				Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	
1550	24	7 x 32	0.056	02F6667	86K8998	02F6668	02F6669	86K8999	02F6672	88K2110	02F6674	02F6675	02F6676	27.70
1551	22	7 x 30	0.062	86K9002	02F6708	86K6714	86K9001	02F6709	85K9595	89K8044	02F6712	02F6713	02F6714	33.29
1553	20	10 x 30	0.069	60K7087	02F6746	02F6744	02F6745	02F6747	02F6748	02F6749	02F6750	02F6751	02F6752	38.92
1555	18	16 x 30	0.079	02F6781	02F6784	02F6782	02F6783	86K9003	02F6786	02F6787	02F6788	02F6789	85K9600	49.04
1557	16	26 x 30	0.092	02F6819	02F6822	02F6820	02F6821	02F6823	02F6824	02F6825	02F6826	02F6827	02F6828	71.03
1559	14	41 x 30	0.106	02F6840	02F6843	89K8047	02F6842	02F6844	86K6717	02F6846	06M3875	06M3874	02F6849	103.78
1560	12	65 x 30	0.125	02F6860	02F6863	86K6718	02F6862	02F6864	02F6865	02F6866	02F6867	02F6868	85K9607	174.44
1561	22	Solid	0.057	86K9004	89K8049	02F6881	02F6882	02F6884	02F6885	02F6886	02F6887	02F6888	89K8050	28.98
1563	20	Solid	0.064	02F6900	02F6903	02F6901	02F6902	02F6904	02F6905	86K6722	02F6907	02F6908	...	30.64
1565	18	Solid	0.072	02F6921	85K9619	02F6922	02F6923	89K8056	02F6926	...	06M3876	02F6929	...	72.04

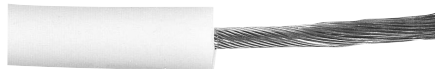
1000' SPOOL

Mfg. Part No.	AWG	Stranding	Nom. O.D. (In.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	1000' Spool Price per Spool
				Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	
1550	24	7 x 32	0.056	02F6686	02F6689	02F6687	02F6688	02F6690	89K8041	89K8042	02F6693	86K6712	86K6713	133.40
1551	22	7 x 30	0.062	02F6724	02F6727	85K9596	02F6726	02F6728	02F6729	02F6730	02F6731	02F6732	02F6733	156.66
1553	20	10 x 30	0.069	85K9599	02F6765	02F6763	02F6764	02F6766	02F6767	02F6768	02F6769	85K9597	86K6715	177.02
1555	18	16 x 30	0.079	02F6800	86K6716	02F6801	02F6802	02F6804	02F6805	02F6806	85K9602	85K9601	02F6809	253.22
1557	16	26 x 30	0.092	02F6829	02F6832	02F6830	02F6831	02F6833	02F6834	02F6835	02F6836	02F6837	02F6838	374.49
1559	14	41 x 30	0.101	...	02F6853	02F6851	02F6852	89K8048	02F6855	02F6856	02F6857	02F6858	02F6859	657.22
1560	12	65 x 30	0.125	85K9613	02F6873	02F6871	02F6872	85K9614	85K9608	85K9609	85K9611	85K9610	85K9612	887.45
1561	22	Solid	0.057	02F6890	02F6893	02F6891	02F6892	02F6894	02F6895	02F6896	02F6897	86K6719	86K6720	142.45
1563	20	Solid	0.064	02F6911	85K9616	02F6912	02F6913	85K9618	86K6721	85K9615	85K9617	89K8055	...	182.81
1565	18	Solid	0.072	85K9621	02F6934	02F6932	02F6933	02F6935	88K1343	...	89K8057	85K9620	...	318.29

(23726)

PVC INSULATION HOOK-UP WIRE

- Stranded tinned copper conductor
- Insulation thickness: 0.016" (0.406)
- Passes VW-1 flame test
- 80°C UL AWM Style 1007, 90°C CSA TR-64, 105°C UL AWM Style 1569
- Rated: 300V, 80°C
- UL recognized, CSA certified
- Other colors available; go online or call



100' SPOOL

Mfg. Part No.	AWG	Stranding	Nom. O.D. (In.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	100' Spool Price per Spool
				Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	
3047	30	7 x 38	0.044	28B6704	92F9285	92F9283	92F9288	92F9936	92F9929	92F9926	73C7413	92F9932	92F9934	27.68
3048	28	7 x 36	0.047	92F9302	92F9293	92F9290	92F9298	92F9304	92F9295	92F9292	92F9296	92F9300	92F9301	24.88
3049	26	7 x 34	0.051	92F7620	92F9309	92F9306	92F9315	92F9316	92F9311	92F9307	92F9313	92F9942	92F9944	26.84
3050	24	7 x 32	0.056	86K7235	02F8185	02F8183	02F8184	02F8186	02F8187	02F8188	02F8189	86K7234	02F8191	27.49
3051	22	7 x 30	0.062	02F8220	02F8223	86K9034	86K7241	02F8224	02F8225	86K9035	02F8227	86K7240	86K9036	31.14
3053	20	10 x 30	0.069	86K9040	02F8261	02F8259	02F8260	02F8262	02F8263	02F8264	86K7244	02F8266	89K8161	37.78
3055	18	16 x 30	0.079	85K9756	02F8299	02F8297	02F8298	86K7250	86K9045	85K9753	02F8303	02F8304	85K9754	44.23
3057	16	26 x 30	0.092	02F8334	02F8337	02F8335	02F8336	02F8338	02F8339	02F8340	02F8341	02F8342	02F8343	62.84

1000' SPOOL

Mfg. Part No.	AWG	Stranding	Nom. O.D. (In.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	1000' Spool Price per Spool
				Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	
3047	30	7 x 38	0.044	92F9289	92F9928	92F9284	92F9931	92F9937	92F9286	92F9927	92F9287	92F9933	92F9935	135.95
3048	28	7 x 36	0.047	92F9303	92F9294	92F9291	92F9299	92F9305	92F9939	92F9938	92F9297	92F9940	92F9941	123.24
3049	26	7 x 34	0.051	92F7621	92F9310	92F6730	92F6731	92F9317	92F9312	92F9308	92F9314	92F9943	92F9945	127.63
3050	24	7 x 32	0.056	89K8151	02F8204	02F8202	02F8203	86K7236	89K8144	02F8207	02F8208	86K9033	89K8145	129.22
3051	22	7 x 30	0.062	86K9037	02F8242	02F8240	85K9748	02F8243	02F8244	89K8156	02F8246	02F8247	02F8248	142.40
3053	20	10 x 30	0.069	02F8277	86K9041	02F8278	02F8279	86K7246	02F8282	02F8283	89K8166	89K8165	02F8286	180.83
3055	18	16 x 30	0.079	86K9047	02F8318	86K7251	02F8317	85K9759	86K9046	86K7252	02F8322	86K7253	02F8324	214.31
3057	16	26 x 30	0.092	85K9769	02F8356	02F8354	02F8355	02F8357	89K8175	86K7256	02F8360	85K9761	85K9762	297.52

(60074)



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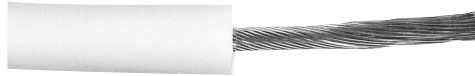
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(148831)

HOOK-UP WIRE

PTFE TEFLON®\* INSULATION HOOK-UP WIRE

- Solid or stranded silver-plated copper conductor
• Extruded PTFE Teflon® insulation
• Applications: harnessing, medical electronics, power supply lead wire, appliance wiring
• Passes UL VW-1 flame test
• Other colors available; go online or call



NEMA HP3 STRANDED 0.006" (0.152) INSULATION THICKNESS 200°C 250V
100' SPOOL

Table with columns for Mfg. Part No., AWG, Stranding, Nom. O.D. (In.), and various color stock numbers (White, Green, Black, Red, Yellow, Blue, Brown, Orange, Gray, Violet) and Price per Spool.

1000' SPOOL

Table with columns for Mfg. Part No., AWG, Stranding, Nom. O.D. (In.), and various color stock numbers (White, Green, Black, Red, Yellow, Blue, Brown, Orange, Gray, Violet) and Price per Spool.

+0.007" insulation thickness; ++0.005" insulation thickness

SOLID CONDUCTOR 0.006" (0.152) INSULATION THICKNESS 200°C 250V

100' SPOOL

Table with columns for Mfg. Part No., AWG, Stranding, Nom. O.D. (In.), and various color stock numbers (White, Green, Black, Red, Yellow, Blue, Brown, Orange, Gray, Violet) and Price per Spool.

1000' SPOOL

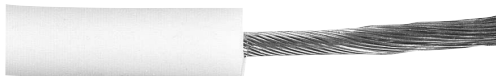
Table with columns for Mfg. Part No., AWG, Stranding, Nom. O.D. (In.), and various color stock numbers (White, Green, Black, Red, Yellow, Blue, Brown, Orange, Gray, Violet) and Price per Spool.

\*Teflon® is a registered trademark of E. I. DuPont de Nemours and Co. (60373)

PTFE TEFLON®\* INSULATION HOOK-UP WIRE

- Solid or stranded silver-plated copper conductor
• Extruded PTFE Teflon® insulation
• Passes UL VW-1 flame test
• Meets UL AWM Style 1213
• Other colors available; go online or call

Just Added



NEMA HP3 STRANDED 0.010" (0.254) INSULATION THICKNESS 200°C 600V
100' SPOOL

Table with columns for Mfg. Part No., AWG, Stranding, Nom. O.D. (In.), and various color stock numbers (White, Green, Black, Red, Yellow, Blue, Brown, Orange, Gray, Violet) and Price per Spool.

1000' SPOOL

Table with columns for Mfg. Part No., AWG, Stranding, Nom. O.D. (In.), and various color stock numbers (White, Green, Black, Red, Yellow, Blue, Brown, Orange, Gray, Violet) and Price per Spool.

CONTINUED

3

PTFE TEFLON®\* INSULATION HOOK-UP WIRE (CONT.)

1000' SPOOL

Mfg. Part No.	AWG	Stranding	Nom. O.D. (In.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	100' Spool
				Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.
● 5854/7	24	7 x 32	0.044	86K9082	88K2176	02F7181	86K9081	02F7184	02F7185	02F7186	02F7187	02F7188	85K9892	340.44
● 5855	22	19 x 34	0.05	89K8210	86K7477	88K1457	02F7619	02F7621	89K8209	06M3953	02F7624	88K2178	02F7626	425.62
● 5855/7	22	7 x 30	0.05	86K7478	02F7212	02F7210	02F7211	02F7213	02F7214	85K9893	85K9894	02F7217	89K8212	499.29
● 5856	20	19 x 32	0.058	86K9087	06M3955	02F7656	02F7657	02F7659	02F7660	02F7661	02F7662	02F7663	02F7664	602.01
● 5856/7	20	7 x 28	0.058	02F7230	06M3956	02F7231	02F7232	85K9899	02F7235	02F7236	02F7237	02F7238	06M3957	547.82
● 5857	18	19 x 30	0.069	96K2364	02F7696	89K8219	02F7695	02F7697	02F7698	02F7699	02F7700	02F7701	02F7702	797.80
● 5858	16	19 x 29	0.08**	89K8222	02F7734	02F7732	02F7733	02F7735	02F7736	02F7737	02F7738	02F7739	02F7740	1059.17

NEMA HP3 STRANDED 0.015" (0.37) INSULATION THICKNESS 200°C 1000V MIL 300V UL, UL AWM STYLE 1180

Mfg. Part No.	AWG	Stranding	Nom. O.D. (In.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	100' Spool
				Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.
● 5874	24	19 x 36	0.054	89K8224	85K9906	86K7485	02F7242	02F7244	02F7245	02F7246	86K7486	02F7248	02F7249	66.18
● 5875	22	19 x 34	0.06+	89K8230	89K8229	89K8228	06M3963	85K9907	02F7265	02F7266	88K2181	06M3962	86K7487	78.58
● 5877	18	19 x 30	0.079	02F7289	86K7489	06M3970	06M3971	02F7293	86K9090	02F7295	85K9909	89K8237	02F7298	127.84

1000' SPOOL

Mfg. Part No.	AWG	Stranding	Nom. O.D. (In.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	1000' Spool
				Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.
● 5874	24	19 x 36	0.054	89K8227	02F7253	89K8225	02F7252	02F7254	02F7255	02F7256	89K8226	02F7258	02F7259	465.93
● 5875	22	19 x 34	0.06+	02F7270	02F7273	02F7271	02F7272	02F7274	86K7488	06M3964	02F7277	06M3965	02F7279	572.60
● 5877	18	19 x 30	0.079	02F7308	02F7311	66H8634	02F7310	02F7312	85K9910	02F7314	02F7324	85K9911	02F7326	1004.10

SOLID CONDUCTOR 0.010" (0.254) INSULATION THICKNESS 200°C 600V, UL AWM STYLE 1213

Mfg. Part No.	AWG	Stranding	Nom. O.D. (In.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	100' Spool
				Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.
● 2853/1	26	Solid	0.036	06M3921	89K8130	06M3919	02F9644	02F9646	02F9647	...	89K8131	02F9650	02F9651	52.95
● 2854/1	24	Solid	0.04	25C1495	86K9032	86K9030	78M7421	89K8134	89K8133	86K9031	88K2133	06M3926	02F9671	68.95
● 2855/1	22	Solid	0.045	02F9682	06M3931	85K9738	89K8138	85K9740	85K9739	89K8137	02F9689	02F9690	02F9691	77.62
● 2856/1	20	Solid	0.052	88K2134	...	06M3932	02F9706	...	...	...	...	...	...	105.97
● 2857/1	18	Solid	0.061++	02F9724	...	02F9725	02F9726	...	...	...	...	...	...	298.55

1000' SPOOL

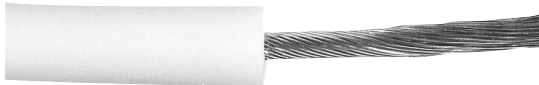
Mfg. Part No.	AWG	Stranding	Nom. O.D. (In.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	1000' Spool
				Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.
● 2853/1	26	Solid	0.036	06M3925	02F9655	02F9653	02F9654	89K8132	85K9736	...	06M3923	06M3922	06M3924	404.77
● 2854/1	24	Solid	0.04	02F9672	02F9675	02F9673	02F9674	89K8136	06M3928	85K9737	89K8135	06M3929	06M3930	502.66
● 2855/1	22	Solid	0.045	88K1363	02F9695	02F9693	02F9694	85K9742	02F9697	89K8139	89K8141	89K8140	85K9741	566.15
● 2856/1	20	Solid	0.052	...	...	02F9715	...	...	...	...	...	...	...	671.24
● 2857/1	18	Solid	0.061++	02F9734	...	02F9735	02F9736	...	...	...	...	...	...	2183.42

\*Teflon® is a registered trademark of E.I. DuPont de Nemours and Co.; \*\*0.012" insulation thickness; +0.014" insulation thickness; ++0.011" insulation thickness (6347)

PVC INSULATION HOOK-UP WIRE — MIL-DTL-16878/1



- Stranded tinned copper conductor
- insulation thickness: 0.010" (0.254)
- Rated: 600V, 105°C
- Other colors available; go online or call



100' SPOOL

Mfg. Part No.	AWG	Stranding	Nom. O.D. (In.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	100' Spool
				Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.
● 1850	32	7 x 40	0.029	02F7408	02F7411	89K8062	85K9635	02F7412	02F7413	...	...	...	...	61.09
● 1851	30	7 x 38	0.032	88K2115	02F6945	02F6943	02F6944	02F6946	02F6947	...	...	...	...	51.34
● 1852	28	7 x 36	0.035	88K2116	02F6983	02F6981	02F6982	02F6984	02F6985	02F6986	02F6987	02F6988	02F6989	30.67
● 1853	26	7 x 34	0.039	02F7018	89K8067	02F7019	02F7020	06M3891	02F7023	86K6728	06M3888	06M3887	06M3889	30.67
● 1854	24	7 x 32	0.044	02F7056	02F7059	02F7057	02F7058	02F7060	02F7061	02F7062	02F7063	02F7064	02F7065	31.23
● 1854/19	24	19 x 36	0.045	02F8534	02F8537	02F8535	02F8536	02F8538	02F8539	02F8540	02F8541	02F8542	02F8543	50.12
● 1855	22	7 x 30	0.05	02F7094	02F7097	89K8080	02F7096	02F7098	02F7099	02F7100	02F7101	02F7102	02F7103	33.48
● 1855/19	22	19 x 34	0.052	02F8572	89K8082	02F8573	02F8574	06M3896	02F8577	02F8578	02F8579	02F8580	02F8581	65.64
● 1856	20	7 x 28	0.058	02F7132	89K8089	02F7133	10M5340	02F7136	02F7137	02F7138	02F7139	02F7140	02F7141	41.89
● 1856/19	20	19 x 32	0.06	86K9007	02F8613	02F8611	02F8612	02F8614	02F8615	02F8616	02F8617	02F8618	86K6738	64.89
● 1857	18	7 x 26	0.068	02F7307	02F7330	02F7328	02F7329	02F7331	02F7332	02F7333	02F7334	02F7335	02F7336	49.84
● 1857/19	18	19 x 30	0.07	02F8648	86K9008	02F8649	02F8650	02F8652	02F8653	86K6742	02F8655	02F8656	02F8657	95.94
● 1858/19	16	19 x 29	0.076	85K9666	02F7368	02F7366	02F7367	02F7369	02F7370	02F7371	02F7372	88K2118	02F7374	61.88
● 1859/19	14	19 x 27	0.091	02F8686	86K6745	02F8687	02F8688	02F8690	02F8691	02F8692	02F8693	89K8104	02F8695	128.19

1000' SPOOL

Mfg. Part No.	AWG	Stranding	Nom. O.D. (In.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	1000' Spool
				Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.
● 1850	32	7 x 40	0.029	02F7427	02F7430	02F7428	02F7429	89K8063	86K6727	...	...	...	...	231.42
● 1851	30	7 x 38	0.032	02F6961	02F6964	02F6962	02F6963	89K8064	02F6966	...	...	...	...	178.68
● 1852	28	7 x 36	0.035	85K9639	02F7002	02F7000	02F7001	02F7003	85K9636	89K8065	85K9638	85K9637	89K8066	140.63
● 1853	26	7 x 34	0.039	02F7037	02F7040	89K8068	02F7039	02F7041	02F7042	02F7043	06M3892	02F7045	86K6729	151.66
● 1854	24	7 x 32	0.044	85K9641	02F7078	02F7076	02F7077	02F7079	02F7080	86K6731	86K6733	86K6732	02F7084	142.40
● 1854/19	24	19 x 36	0.045	85K9644	02F8556	02F8554	02F8555	02F8557	02F8558	02F8559	85K9643	85K9642	02F8562	171.02
● 1855	22	7 x 30	0.05	02F7113	02F7116	02F7114	02F7115	02F7117	02F7118	02F7119	02F7120	02F7121	02F7122	153.44
● 1855/19	22	19 x 34	0.052	89K8086	89K8084	06M3898	85K9647	89K8087	85K9646	02F8597	89K8085	02F8599	85K9648	168.68

▶ CONTINUED ▶

**HOOK-UP WIRE**

**PVC INSULATION HOOK-UP WIRE — MIL-DTL-16878/1 (CONT.)**

**1000' SPOOL**

Mfg. Part No.	AWG	Stranding	Nom. O.D. (In.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	100' Spool
				Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.
1856	20	7 x 28	0.058	02F7151	02F7154	86K6737	02F7153	02F7155	85K9654	02F7157	02F7158	89K8090	02F7160	185.32
1856/19	20	19 x 32	0.06	02F8629	86K6739	02F8630	86K6740	06M3899	02F8634	02F8635	02F8636	87K1174	02F8638	218.23
1857	18	7 x 26	0.068	86K6741	02F7349	85K9659	02F7348	02F7350	02F7351	02F7352	02F7353	02F7354	02F7355	284.71
1857/19	18	19 x 30	0.07	89K8098	02F8670	02F8554	86K6744	02F8671	02F8672	02F8673	02F8674	86K6743	02F8676	302.57
1858/19	16	19 x 29	0.076	02F7384	02F7387	02F7385	02F7386	89K8103	86K9009	89K8101	85K9667	02F7392	89K8102	346.42
1859/19	14	19 x 27	0.091	02F8705	02F8708	89K8105	02F8707	02F8709	85K9671	02F8711	85K9673	85K9672	85K9674	413.84

(60073)

**IRRADIATED PVC INSULATION HOOK-UP WIRE — MIL-DTL-16878/1**

- Stranded tinned copper conductor
- Insulation thickness: 0.010" (0.254)
- 150V, 80°C UL AWM Style 1429, 105°C CSA AWM I A/B FT1, 600V, 105°C MIL
- Passes UL VW-1 flame test
- Rated: 600V, 105°C
- UL recognized, CSA certified
- Other colors available; go online or call

**Just Added**



**100' SPOOL**

Mfg. Part No.	AWG	Stranding	Nom. O.D. (In.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	100' Spool
				Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.
7053	26	7 x 34	0.039	03F2180	92F9471	03F2181	86K9091	92F9481	85K9930	92F9469	92F9474	92F9477	92F9479	36.67
7054	24	7 x 32	0.044	03F2184	92F9484	03F2185	92F9488	92F9491	92F9486	85K9933	92F9487	85K9931	92F9490	38.59
7054/19	24	19 x 36	0.045	03F2194	03F2197	03F2195	88K2185	03F2198	92F9496	92F9493	92F9498	92F9500	92F9501	44.24
7055	22	7 x 30	0.05	03F2202	86K7577	03F2203	02F6493	28B8680	92F9505	28B8677	92F9507	28B8678	85K9936	46.29
7055/19	22	19 x 34	0.052	03F2207	92F9515	27M3031	92F9166	92F9526	92F9517	92F9513	88K2186	85K9937	92F9522	43.74
7056	20	7 x 28	0.058	86K7579	03F2217	03F2215	78M7427	03F2218	92F9528	86K7580	88K2188	03F2220	28B8689	58.45
7056/19	20	19 x 32	0.06	27M3033	85K9943	27M3032	92F9535	85K9941	29M6561	92F9530	86K7581	28B8694	92F9536	67.47
7057	18	7 x 26	0.068	86K7582	...	85K9945	92F9541	28B8704	28B8696	85K9944	92F9540	28B8701	28B8703	83.74
7057/19	18	19 x 30	0.07	86K9096	88K2190	88K2189	03F2239	...	86K7583	92F9542	92F9546	26M8400	92F9548	99.40
7058/19	16	19 x 0.0117	0.076	85K9946	03F2247	03F2246	86K9097	85K9947	92F9552	26M8401	88K1466	28B8710	28B8711	92.49

**1000' SPOOL**

Mfg. Part No.	AWG	Stranding	Nom. O.D. (In.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	1000' Spool
				Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.
7053	26	7 x 34	0.039	03F2182	92F9165	86K7573	85K9929	92F9482	86K7572	86K9092	27M3028	85K9928	92F9480	164.17
7054	24	7 x 32	0.044	03F2187	92F9485	03F2188	92F9489	86K7575	26C1161	86K7574	11J0041	85K9934	28B8675	181.62
7054/19	24	19 x 36	0.045	03F2199	92F9495	03F2200	86K9093	92F6749	85K9935	86K7576	92F9499	03F2201	28B8676	189.66
7055	22	7 x 30	0.05	59M7958	92F9504	03F2205	02F6503	92F9512	92F9506	92F9502	92F9508	92F9509	86K7578	203.91
7055/19	22	19 x 34	0.052	03F2209	92F9516	88K2187	86K9095	03F2212	85K9938	92F9514	92F9520	92F9521	85K9939	202.07
7056	20	7 x 28	0.058	03F2221	28B8685	03F2222	29M6560	28B8690	26M8397	28B8684	29M6559	28B8687	28B8688	243.74
7056/19	20	19 x 32	0.06	03F2225	85K9942	03F2226	03F2227	92F9538	85K9940	26M8398	28B8692	26M8399	03F2228	259.52
7057	18	7 x 26	0.068	03F2231	28B8698	03F2232	03F2233	27M3036	27M3034	27M3035	28B8699	28B8700	28B8702	369.41
7057/19	18	19 x 30	0.07	03F2241	92F9544	88K2191	05F1954	92F9550	92F7547	88K1465	27M3037	28B8705	03F2243	383.60
7058/19	16	19 x 0.0117	0.076	85K9948	03F2251	03F2249	03F2250	92F6753	03F2253	27M3039	92F6754	27M3038	...	443.97

(6348)

**PVC INSULATION HOOK-UP WIRE**

- Stranded tinned copper conductor
- Insulation thickness: 0.032" (0.812)
- Stocked in 10 colors
- 105°C UL AWM Style 1015, CSA TEW-105
- Passes UL VW-1 flame test
- Rated: 600V, 105°C
- UL recognized, CSA certified
- Other colors available; go online or call

**Just Added**



**100' SPOOL**

Mfg. Part No.	AWG	Stranding	Nom. O.D. (In.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	100' Spool
				Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.
3070	24	7 x 32	0.088	92F9994	92F9985	92F9983	92F9329	92F9995	92F9987	92F9984	89K8184	06M3934	92F9992	31.23
3071	22	7 x 30	0.094	02F8372	85K9771	86K7258	89K8187	02F8376	02F8377	02F8378	02F8379	02F8380	02F8381	32.89
3073	20	10 x 30	0.101	86K7260	02F8396	02F8394	85K9776	86K7261	02F8398	02F8399	02F8400	89K8190	02F8402	36.95
3075	18	16 x 30	0.111	02F8414	86K9057	86K7264	02F8416	02F8418	86K9056	02F8420	02F8421	02F8422	02F8423	56.76
3077	16	20 x 30	0.124	96K2362	02F8437	02F8435	86K7265	02F8438	89K8191	02F8440	02F8441	02F8442	02F8443	72.84
3079	14	41 x 30	0.138	89K8192	02F8457	02F8455	02F8456	02F8458	02F8459	02F8460	02F8461	85K9781	06M3935	97.52
3080	12	65 x 30	0.157	86K9058	92F9334	92F7627	92F9336	94C1773	83C5794	92C3080	07H4284	89C2406	...	191.31

**1000' SPOOL**

Mfg. Part No.	AWG	Stranding	Nom. O.D. (In.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	1000' Spool
				Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.
3070	24	7 x 32	0.088	92F9331	92F9986	92F9326	89K8185	89K8186	92F9328	86K9051	86K9052	89K8183	86K9053	163.96
3071	22	7 x 30	0.094	85K9775	02F8386	86K9054	85K9773	89K8189	89K8188	86K7259	85K9772	02F8391	85K9774	176.89
3073	20	10 x 30	0.101	02F8403	02F8406	02F8404	02F8405	02F8407	02F8408	86K7262	02F8410	02F8411	86K7263	223.11
3075	18	16 x 30	0.111	02F8424	02F8427	02F8425	02F8426	02F8428	02F8429	85K9777	02F8431	02F8432	02F8433	264.82
3077	16	26 x 30	0.124	85K9780	02F8447	02F8445	02F8446	02F8448	02F8449	02F8450	02F8451	02F8452	85K9779	397.10
3079	14	41 x 30	0.138	02F8464	85K9782	02F8465	02F8466	02F8468	02F8469	02F8470	85K9784	85K9783	85K9785	508.17
3080	12	65 x 30	0.157	04F9041	92F9335	92F6737	92F9337	85K9788	10J9938	85K9786	85K9787	...	...	1124.04

(60075)



**KYNAR®\* WIRE-WRAP HOOK-UP WIRE**

Just Added



- 125°C (105°C UL)
- Solid, silver-plated OFHC<sup>®</sup>+ copper conductor
- High-resistance to cut-through and abrasion
- UL AWM Styles 1422 and 1423
- Passes UL VW-1 flame test
- UL recognized
- Other colors available ; go online or call



KYNAR<sup>®</sup> wire wrap wire is manufactured with silver-plated OFHC<sup>®</sup> (Oxygen-Free High Conductivity) conductors. OFHC<sup>®</sup> copper retains its mechanical and electrical integrity even after subject to the high forces of the wire wrapping process. KYNAR<sup>®</sup> exhibits high abrasion, shear and cut-through resistance. Sold in 1000' spools.

AWG	Nom. O.D. (in.)	White		Green		Black		Red		1000' Spool
		Mfg. Part No.	Stock No.	Mfg. Part No.	Stock No.	Mfg. Part No.	Stock No.	Mfg. Part No.	Stock No.	Price per Spool
30	0.019	5951 WH001	02F9777	5951 GR001	70B3046	5951 BK001	89K8239	5951 RD001	70B8595	339.02
28	0.024	5952 WH001	03F2165	5952 GR001	06M3975	5952 BK001	86K7490	5952 RD001	92F9411	392.42
26	0.027	5953 WH001	03F2170	5953 GR001	03F2173	5953 BK001	03F2171	5953 RD001	03F2172	392.30
24	0.030	5954 WH001	03F2178	5954 GR001	92F6716	5954 BK001	92F6715	5954 RD001	03F2179	541.98

\*Kynar<sup>®</sup> is a registered trademark of Arkema, Inc.; +OFHC<sup>®</sup> is a registered trademark of Amax, Inc. (Oxygen-Free High Conductivity) (6345)

**TEFZEL®\* WIRE WRAP HOOK-UP WIRE**



- Solid silver-plated OFHC<sup>®</sup>+ copper conductor
- High-resistance to cut-through and abrasion
- 150°C (105°C UL), UL 1516, UL 1523
- Passes UL VW-1 flame test
- UL recognized



Wire wrapping is an automatic or semiautomatic termination method generally used in large-scale wiring of computer backpanels. Tefzel<sup>®</sup> wire wrap wire is manufactured with silver-plated OFHC<sup>®</sup> (Oxygen-Free High Conductivity) conductors. Tefzel<sup>®</sup> exhibits high abrasion, heat and cut-through resistance. Sold in 100' and 1000' spools. Other colors available; go online or call.

Mfg. Part No.	AWG	Nom. O.D. (in.)	100' Spool				Price per Spool	1000' Spool				Price per Spool
			White Stock No.	Green Stock No.	Black Stock No.	Red Stock No.		White Stock No.	Green Stock No.	Black Stock No.	Red Stock No.	
1805	30	0.020	86K6724	02F6274	02F6272	06M3880	156.63	02F6281	02F6284	02F6282	02F6283	921.40
1806	28	0.024	86K9005	02F6294	02F6292	02F6293	159.17	02F6301	89K8059	02F6302	02F6303	992.80
1807	26	0.027	02F6311	85K9633	85K9632	06M3885	181.65	02F6321	02F6324	85K9634	02F6323	1067.94
1808	24	0.030	89K8061	02F6334	02F6332	86K6726	204.75	02F6341	02F6344	02F6342	02F6343	1203.43

\*Tefzel<sup>®</sup> is a registered trademark of E.I. DuPont de Nemours and Co.; +OFHC<sup>®</sup> is a registered trademark of Amax, Inc. (Oxygen-Free High Conductivity) (6346)

**SOLID CONDUCTOR HOOK-UP WIRE**



- Color-coded PVC insulation
- Solid tinned copper conductor
- Passes UL VW-1 flame test
- UL recognized, CSA certified



Ideal for R&D and MRO applications. Voltage: 300V. Insulation thickness: 0.016" UL AWM styles 1007 (-40°C to +80°C) and 1569 (-40°C to +105°C), CSA TR-64 (-40°C to +90°C). Other colors available; go online or call.

**100' SPOOLS**

Mfg. Part No.	AWG	Nom. O.D. (in.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	100' Spool
			Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Price per Spool
3050/1	24	0.052	91F3784	91F3774	91F3768	91F3778	89K8152	91F3770	91F3772	91F3776	91F3780	91F3782	23.64
3051/1	22	0.057	91F3824	86K9038	91F3808	86K9039	91F3826	91F3810	91F3812	91F3816	91F3820	91F3822	26.89
3053/1	20	0.064	89K8169	91F3794	91F3788	86K7247	91F3806	91F3790	91F3792	91F3796	91F3800	91F3802	32.41
3055/1	18	0.072	91F3509	91F3499	86K7254	91F3503	85K9760	91F3495	91F3497	91F3501	91F3505	91F3507	38.62
3057/1	16	0.083	91F3529	91F3519	86K7257	86K9049	91F3531	91F3515	91F3517	91F3521	91F3525	85K9770	50.00

**1000' SPOOLS**

Mfg. Part No.	AWG	Nom. O.D. (in.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	1000' Spool
			Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Price per Spool
3050/1	24	0.052	91F3785	91F3775	86K7237	85K9747	89K8155	86K7238	86K7239	91F3777	89K8153	89K8154	105.69
3051/1	22	0.057	86K7243	91F3815	91F3809	88K1365	91F3827	86K7242	85K9749	91F3817	89K8160	91F3823	112.98
3053/1	20	0.064	86K7248	91F3795	91F3789	91F3799	86K9044	91F3791	86K9043	85K9752	89K8170	89K8171	143.45
3055/1	18	0.072	91F3510	91F3500	91F3494	91F3504	91F3512	91F3496	86K7255	88K2135	89K8172	89K8173	169.99
3057/1	16	0.083	91F3530	91F3520	91F3514	91F3524	86K9050	89K8177	89K8178	89K8180	89K8179	...	253.65

(18826)

**HOOK-UP WIRE KITS**



**HOOK-UP WIRE KITS (CONT.)**

**KIT CONTENTS:**

Five 100' spools of stranded hook-up wire in colors: white, black, red, green and blue, one dispenser rack and one cut-and-strip tool.

- Stranded tinned copper conductor
- PVC insulation
- Passes UL VW-1 flame test
- UL recognized, CSA certified



Mfg. Part No.	AWG	Voltage Rating	Rated Temp	Stock No.	Price Each
HUKIT10 NC032	22	1000	MIL-W-76B Type MW, -40° to +80°C	86K1578	178.47
HUKIT20 NC032	22	300	UL 1007/1569, CSA TR64, -40° to +105°C	86K1579	197.57
HUKIT30 NC032	24	1000	MIL-W-76B Type MW, -40° to +80°C	85K9573	185.85
HUKIT40 NC032	24	300	UL 1007/1569, CSA TR64, -40° to +105°C	86K1580	199.85

(6461)

Alpha's hook-up wire kits feature a unique, convenient wire dispensing system. Kits include five 100' spools of hook-up wire, suitable for military or UL/CSA applications, packaged in a unique, portable dispenser rack. This system keeps hook-up wire neat, clean and conveniently available. Dispenser rack can be mounted on a bench or wall or used as a top for portability. Dispenser rack holds standard Alpha hook-up wire spools when refills are required.

➔ CONTINUED ➔

HOOK-UP WIRE

MIL-W 22759/11 PTFE HOOK-UP WIRE

Ideal where smoke emission, overload stability and/or flammability may be a problem. Feature stranded silver-plated copper conductor insulated with PTFE. Temperature range: -55°C to +200°C. Rated: 600V. Available in colors listed in table below. Sold in 100' and 1000' spools.



Mfg. Part No.	AWG (Stranding)	Nom. O.D.	100' Spool					1000' Spool				
			White Stock No.	Green Stock No.	Black Stock No.	Red Stock No.	Price per Spool	White Stock No.	Green Stock No.	Black Stock No.	Red Stock No.	Price per Spool
M22759/11-24	24 (19/36)	0.043"	27M0418	...	96B9103	91B9442	52.31	91B9377	34C4499	34C9522	91B9373	337.33
M22759/11-22	22 (19/34)	0.049"	27M0416	64M0219	27M0414	27M0415	62.05	27M0417	...	96B4371	34C9524	373.91
M22759/11-20	20 (19/32)	0.059"	93B5570	91B2956	27M0412	91B2948	92.89	27M0413	...	89C3466	34C9523	551.66

MIL-W-22759/16 OR MIL-W-22759/18 ETFE INSULATED HOOK-UP WIRE

Designed for aerospace applications where light weight, tight tolerance, and excellent mechanical toughness are required. Stranded tinned copper conductor. ETFE insulation offers exceptional radiation and chemical resistance. Temperature range: -55°C to +150°C. Rated: 600V. Available in colors listed in table below. Sold in 100' and 1000' spools.



Mfg. Part No.	AWG (Stranding)	Nom. O.D.	Mil. Spec.	100' Spool					1000' Spool				
				White Stock No.	Green Stock No.	Black Stock No.	Red Stock No.	Price per Spool	White Stock No.	Green Stock No.	Black Stock No.	Red Stock No.	Price per Spool
AZ181930	18 (19/30)	0.071"	MIL-W-22759/16-18	19M8335	01C5704	04F6549	94B0248	42.99	04F6552	...	04F6551	91B0665	433.56
AZ201932	20 (19/32)	0.060"	MIL-W-22759/16-20	04F6554	64M0216	04F6553	93B3422	36.84	04F6556	...	04F6555	71C7928	312.73
AZ221934	22 (19/34)	0.052"	MIL-W-22759/16-22	26M8955	07C8020	04F6557	07C8019	27.55	04F6560	91B0659	04F6559	91B0661	294.93
AZ241936	24 (19/36)	0.045"	MIL-W-22759/16-24	04F6562	92B7672	04F6561	93B1435	27.47	04F6564	...	04F6563	...	250.87

PVC OR TFE TEFLON<sup>®</sup> INSULATED HOOK-UP WIRE

All hook-up wire on this page have either tinned copper conductor insulated with extruded PVC or stranded silver-coated conductor insulated with extruded TFE Teflon<sup>®</sup>. PVC is flame- and ozone-resistant, as well as inert to most chemicals, oils, and solvents. Teflon<sup>®</sup> is a fluorinated thermoplastic with thermal, physical, and electrical properties. One conductor, unshielded, unjacketed. Also available in other colors; go online or call.

UL STYLE 1007 300V, 80°C; PASSES VW-1 VERTICAL WIRE FLAME TEST—INSULATION THICKNESS 0.016"

Rated -10°C to +80°C, 300V. Rated 600V peak for electronic circuits, and internal wiring of electronic and electrical equipment.



Mfg. Part No.	AWG (Stranding)	Nom. O.D. (In.)	100' Spool				Price per Spool	1000' Spool				Price per Spool
			White Stock No.	Green Stock No.	Black Stock No.	Red Stock No.		White Stock No.	Green Stock No.	Black Stock No.	Red Stock No.	
9930	30 (7 x 38)	0.044	...	03F1765	03F1769	87K6375	25.26	87K6378	87K7440	03F1779	03F1772	151.14

DUAL RATED UL STYLE 1007 300V, 80°C AND 1569 300V, 105°C; CSA TYPE TR-64, 90°C AND CSA TYPE TRSR-64, 105°C—INSULATION THICKNESS 0.016"

Rated -10°C to +105°C, 300V. Rated 600V peak for electronic circuits, and internal wiring of electronic and electrical equipment. (\*\*) 5000' spools available.

9928	28 (7 x 34)	0.047	03F1788	03F1785	03F1789	03F1782	23.61	03F1798	87K7436	03F1799	87K7434	138.78
9926	26 (7 x 32)	0.051	...	...	03F1808	03F1801	23.39	03F1817	03F1814	87K2853	03F1811	143.79
9923	24 (7 x 32)	0.056	87K6370	...	03F1828	87K7424	26.57	87K6372	87K2851	03F1838	87K6371	154.15
9921	22 (7 x 30)	0.062	03F1847	03F1844	87K2846	03F1841	33.28	03F1857	87K7423	03F1858	03F1851	184.04
9919	20 (7 x 28)	0.069	03F1867	87K2844	03F1868	87K7416	37.73	87K7422	87K7420	87K2845	87K7419	223.28
9918**	18 (16 x 30)	0.079	03F1887	87K6366	03F1888	87K2842	42.07	87K7414	87K7413	03F1898	87K7411	265.37
9916	16 (26 x 30)	0.092	03F1917	03F1914	03F1918	87K7408	60.72	03F1927	03F1924	87K7410	03F1921	400.47

UL STYLE 1015 600V, 105°C; CSA TYPE TEW; PASSES VW-1 VERTICAL WIRE FLAME TEST—INSULATION THICKNESS 0.031"

Rated -10°C to +105°C, 600V. Rated 2500V peak for electronic circuits, and internal wiring of electronics and electrical equipment. (\*\*) 5000' spools available.

9924	24 (7 x 32)	0.088	...	...	...	...	...	87K7428	87K2852	02F5461	87K7426	185.88
8920**	22 (7 x 30)	0.093	87K7308	...	02F4336	02F4331	32.40	02F4343	06M4018	02F4344	02F4339	205.92
8919	20 (10 x 30)	0.100	87K6348	87K6347	02F4354	02F4349	41.28	87K7305	02F4359	02F4361	02F4356	264.20
8918**	18 (16 x 39)	0.110	87K7299	02F4367	88K1503	87K7298	53.32	02F4376	87K7303	87K7300	87K7302	329.83
8917**	16 (26 x 30)	0.123	02F4390	02F4389	87K7291	02F4386	65.73	87K7296	02F4405	87K7294	87K7295	485.81
9912	12 (65 x 30)	0.158	87K2840	87K7405	87K2839	03F1931	151.93	87K1943*	...	15B3970*	87K1942*	2032.85
9910	10 (65 x 28)	0.180	87K7404	...	87K7402	03F1945	228.24	19C5512*	...	19C5510*	06M4034*	2278.48

UL STYLE 1028 600V, 105°C; CSA TYPE TEW; PASSES VW-1 VERTICAL WIRE FLAME TEST—INSULATION THICKNESS 0.010"

9908	8 (84 x 27)	0.250	03F1953	...	03F1954	03F1951	401.18	...	...	...	...	...
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\*2000' spools; \*\*Available in 5000' spools (6218)

HIGH-TEMPERATURE TEFLON<sup>®</sup> INSULATED HOOK-UP WIRE

Unshielded, unjacketed silver-plated copper conductor. Also available in 500' spools and other colors; go online or call.

UL STYLE 1180 300V, 200°C TYPE EE - MIL-W-16878/5 TEFLON<sup>®</sup> - 1000V, 200°C; PASSES VW-1 VERTICAL WIRE FLAME TEST—INSULATION THICKNESS: 0.015"

100' SPOOL



Mfg. Part No.	AWG	Stranding	Nom. O.D. (In.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	Price per Spool
				Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	
83026	22	19 x 34	0.059	02F5838	87K1647	87K1646	87K2747	87K2749	06M4006	87K2746	87K2748	87K6263	02F5836	44.96
83027	20	19 x 32	0.068	02F5860	87K6264	02F5861	02F5853	87K2750	02F5857	02F5852	02F5854	87K1652	02F5858	55.60
83028	20	7 x 28	0.068	87K1665	87K1664	87K2751	02F5878	87K1663	87K6265	02F5877	87K1662	...	...	51.82
83029	18	19 x 30	0.077	02F5906	02F5902	02F5907	87K2752	87K2753	02F5903	02F5898	87K1670	87K1710	02F5904	73.95
83030	16	19 x 29	0.088	02F5424	02F5420	02F5425	02F5417	87K2756	02F5421	87K2754	87K2755	87K1674	87K2757	88.12

➤ CONTINUED ➤

HIGH-TEMPERATURE TEFLON<sup>®</sup> INSULATED HOOK-UP WIRE (CONT.)

100' SPOOL

Mfg. Part No.	AWG	Stranding	Nom. O.D. (In.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	Price per Spool
				Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	
● 83026	22	19 x 34	0.059	87K1651	02F5846	87K1648	87K1649	87K1650	02F5847	02F5842	02F5844	02F5849	02F5848	403.31
● 83027	20	19 x 32	0.068	87K1661	87K1658	87K1654	87K1655	87K1657	87K1659	87K1653	87K1656	87K1660	02F5873	473.71
● 83028	20	7 x 28	0.068	87K1669	02F5892	02F5897	87K1666	02F5891	02F5893	02F5888	02F5890	87K1668	87K1667	403.82
● 83029	18	19 x 30	0.077	02F5923	02F5919	02F5924	02F5916	87K1672	02F5920	02F5915	87K1671	87K1673	02F5921	592.27
● 83030	16	19 x 29	0.088	87K1679	02F5438	87K1675	87K1676	02F5437	87K1677	02F5434	02F5436	87K1678	02F5440	770.38

UL STYLE 1371 600V, 105°C TYPE E - MIL-W-16878/4 TEFLON<sup>®</sup> - 600V, 200°C; PASSES VW-1 VERTICAL WIRE FLAME TEST

Mfg. part no. 83009 insulation thickness: 0.011". Mfg. part no. 83010 insulation thickness: 0.012".

100' SPOOL

Mfg. Part No.	AWG	Stranding	Nom. O.D. (In.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	Price per Spool
				Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	
● 83009	18	19 x 30	0.068	87K2740	87K2739	02F4825	87K6258	87K1625	02F4821	87K2738	87K1624	87K6259	87K1643	64.62
● 83010	16	19 x 29	0.076	87K2743	02F4840	02F4845	02F4837	02F4839	87K2742	87K2741	02F4838	02F4843	87K1618	77.74

1000' SPOOL

● 83009	18	19 x 30	0.068	02F4834	02F4830	87K1628	02F4827	02F4829	02F4831	87K1627	87K1629	87K1630	02F4832	552.27
● 83010	16	19 x 29	0.076	87K1637	02F4850	87K1634	06M4005	02F4849	02F4851	87K1626	87K1635	87K1636	02F4852	674.52

UL STYLE 1213 105°C TYPE E - MIL-W-1687E/4 TEFLON<sup>®</sup> - 600V, 200°C; PASSES VW-1 VERTICAL WIRE FLAME TEST

Mfg. part nos. 83000-83008 have an insulation thickness of 0.010". Mfg. part nos. 83041-83050 have an insulation thickness of 0.006". All are UL recognized.

100' SPOOL

Mfg. Part No.	AWG	Stranding	Nom. O.D. (In.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	Price per Spool
				Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	
● 83000	30	7 x 38	0.032	87K2713	87K2710	88K2192	87K2708	87K2709	87K2711	02F4673	02F4675	87K2712	02F4679	26.57
● 83001	28	7 x 36	0.035	87K6247	02F4702	87K6243	87K1617	87K6245	87K2714	02F4698	87K6244	87K6246	02F4704	27.01
● 83002	26	7 x 34	0.037	87K2715	88K2193	02F4727	02F4719	02F4721	02F4723	02F4718	02F4720	02F4725	02F4724	29.03
● 83004	24	7 x 32	0.043	87K2723	88K2194	87K2719	87K2720	87K2721	87K6251	02F4769	87K6250	87K2722	02F4775	30.77
● 83005	22	7 x 30	0.049	02F4800	02F4796	02F4801	02F6201	02F6202	87K2726	87K2724	87K2725	02F4799	87K6252	34.45
● 83006	22	19 x 34	0.048	87K2730	87K2728	02F5552	87K6253	02F5546	87K6255	87K2727	87K6254	87K2729	02F5549	42.72
● 83007	20	19 x 32	0.056	02F5580	02F5576	02F5581	02F5573	02F5575	87K2732	87K2731	02F5574	02F5579	02F5578	47.40
● 83008	20	7 x 28	0.058	87K2737	87K2736	87K2734	02F5598	87K1618	87K6257	02F5597	87K2735	...	...	46.49

1000' SPOOL

● 83000	30	7 x 38	0.032	87K1587	87K6241	87K1582	87K1583	02F4691	87K1585	87K1581	87K1584	87K6242	87K1586	204.08
● 83001	28	7 x 36	0.035	87K1595	87K1591	87K6249	87K1588	87K1590	87K1592	87K6248	87K1589	87K1594	87K1593	208.09
● 83002	26	7 x 34	0.037	02F4738	87K1600	87K2716	87K1597	87K1599	87K1601	87K1596	87K1598	87K1602	02F4736	221.95
● 83004	24	7 x 32	0.043	02F4790	02F4786	02F4791	87K1607	87K1608	02F4787	02F4782	02F4784	02F4789	02F4788	240.32
● 83005	22	7 x 30	0.049	02F4814	02F4810	87K1609	87K1610	02F4809	02F4811	02F4806	02F4808	02F4813	87K1611	277.41
● 83006	22	19 x 34	0.048	87K6256	02F5566	02F5571	87K1612	02F5565	87K1613	02F5562	02F5564	02F5569	02F5568	326.24
● 83007	20	19 x 32	0.056	87K1617	02F5591	87K2733	87K1615	02F5590	02F5592	02F5587	87K6254	87K1616	02F5593	396.30
● 83008	20	7 x 28	0.058	02F5619	87K1621	02F5620	87K1619	87K1620	87K1622	02F5611	02F5613	87K1623	02F5617	387.28

UL STYLE 1371 105°C TYPE ET - MIL-W-1687E/6 TEFLON<sup>®</sup> - 250V, 200°C; PASSES VW-1 VERTICAL WIRE FLAME TEST

Mfg. part nos. 83043-83049 have an insulation thickness of 0.006". All are UL recognized.

100' SPOOL

Mfg. Part No.	AWG	Stranding	Nom. O.D. (In.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	Price per Spool
				Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	
● 83043	30	7 x 38	0.024	02F5935	87K2758	02F5936	87K6269	...	...	...	...	02F5934	...	26.37
● 83046	26	7 x 34	0.031	02F5965	...	...	...	...	...	...	...	...	02F5963	28.59
● 83048	24	19 x 36	0.036	...	87K6273	03F5691	03F5686	...	...	03F5685	03F5687	03F5690	...	36.08
● 83049	22	7 x 30	0.042	87K2763	02F5990	87K2761	87K2762	87K1695	02F5991	88K2195	02F5988	02F5993	02F5992	36.30

1000' SPOOL

● 83043	30	7 x 38	0.024	87K1687	87K1685	87K1683	87K1684	...	...	...	...	...	87K1686	199.90
● 83046	26	7 x 34	0.031	87K1691	...	02F5974	02F5967	02F5969	87K1690	02F5966	87K1689	...	02F5971	220.11
● 83049	22	7 x 30	0.042	87K1703	87K1699	02F6005	87K6274	87K1698	87K1700	87K1696	87K1698	87K1702	...	293.92

(6114)

PVC INSULATED HOOK-UP WIRE

Extruded PVC insulated hook-up wire has tinned copper conductor. The PVC insulation is flame- and ozone-resistant, as well as inert to most chemicals, oils, and solvents. Also available in other colors; go online or call.

UL STYLE 1061 300V, 80°C; CSA TYPE AWM — INSULATION THICKNESS 0.010"

Solid conductors suitable for wire wrap applications.

100' SPOOL

Mfg. Part No.	AWG	Stranding	Nom. O.D. (In.)	White	Green	Black	Red	Yellow	Blue	Brown	Orange	Gray	Violet	Price per Spool
				Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	Stock No.	
● 9978	30	Solid	0.03	02F5470	87K2861	02F5471	02F5464	02F5466	02F5472	02F5463	02F5465	87K7479	02F5468	22.50
● 9987	30	7 x 38	0.032	03F1959	...	03F1960	...	...	...	...	...	...	...	25.26
● 9977	28	Solid	0.033	02F5490	02F5487	02F5491	02F5484	...	...	...	...	...	...	18.73
● 9986	28	7 x 36	0.035	87K7507	...	03F1976	87K2881	...	...	...	03F1971	87K6403	...	23.61
● 9976	26	Solid	0.036	87K2859	...	87K6382	87K6383	...	...	...	...	...	...	16.21
● 9985	26	7 x 34	0.039	87K2880	87K6400	02M5452	03F1989	87K2878	03F1997	03F1988	87K2877	87K2879	...	25.26
● 9975	24	Solid	0.04	...	...	87K6380	02F5524	...	...	...	...	...	...	17.30
● 9984	24	7 x 32	0.044	03F2015	03F2012	03F2016	03F2009	87K2876	03F2017	...	03F2010	...	...	26.51
● 9983	22	7 x 30	0.05	87K2874	03F2032	87K2872	03F2029	03F2031	03F2037	87K2871	03F2030	...	...	30.47
● 9982	20	7 x 28	0.058	87K2870	03F2052	03F2056	03F2049	03F2051	87K6398	...	...	...	...	38.67
● 9981	18	19 x 30	0.066	87K6395	20M4496	03F2076	87K2866	03F2071	03F2077	87K7492	87K6394	...	03F2073	41.11
● 9980	16	19 x 28	0.078	03F2095	...	87K7485	87K6392	...	03F2097	...	...	...	...	53.17

▶ CONTINUED ▶

HOOK-UP WIRE

PVC INSULATED HOOK-UP WIRE (CONT.)

1000' SPOOL

Table with columns: Mfg. Part No., AWG, Stranding, Nom. O.D. (In.), White, Green, Black, Red, Yellow, Blue, Brown, Orange, Gray, Violet, Price per Spool. Rows include part numbers 9978 through 9980.

TYPE B MIL-W-16878/1-PVC 600V, 105°C; PASSES VW-1 VERTICAL WIRE FLAME TEST — INSULATION THICKNESS 0.010"

100' SPOOL

Table with columns: Mfg. Part No., AWG, Stranding, Nom. O.D. (In.), White, Green, Black, Red, Yellow, Blue, Brown, Orange, Gray, Violet, Price per Spool. Rows include part numbers 8597 through 8500.

1000' SPOOL

Table with columns: Mfg. Part No., AWG, Stranding, Nom. O.D. (In.), White, Green, Black, Red, Yellow, Blue, Brown, Orange, Gray, Violet, Price per Spool. Rows include part numbers 8597 through 8500.

TYPE MW MIL-W-76C-PVC 1000V, 80°C; PASSES VW-1 VERTICAL WIRE FLAME TEST

Insulation thickness 0.017" except mfg. part no. 8520, 0.018"; mfg. part no. 8521, 0.019"; and mfg. part no. 8527, 0.020".

100' SPOOL

Table with columns: Mfg. Part No., AWG, Stranding, Nom. O.D. (In.), White, Green, Black, Red, Yellow, Blue, Brown, Orange, Gray, Violet, Price per Spool. Rows include part numbers 8525 through 8527.

1000' SPOOL

Table with columns: Mfg. Part No., AWG, Stranding, Nom. O.D. (In.), White, Green, Black, Red, Yellow, Blue, Brown, Orange, Gray, Violet, Price per Spool. Rows include part numbers 8525 through 8527.

(60674)



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(148836)

**HOOK-UP WIRE DISPENSER KITS**



Ideal for R&D labs, engineers and technicians. Choose kits containing five 100' spools or eight 25' spools of popular hook-up wire — each spool contains a different color. Unshielded tinned copper conductor with PVC insulation. Spools come in portable dispenser rack, convenient for field work, for workbench or wall mount use. Passes VW-1 vertical wire flame test.

**KITS OF FIVE 100-FT. SPOOLS**

Mfg. Part No.	AWG (Stranding)	Nom. O.D.	Colors	Stock No.	Price Each
● 9531	22 (7x30)	0.064"	Red, White, Lt. Blue, Green, Black	87K2834	136.46
● 8825	20 (7x28)	0.058"	Red, White, Yellow, Green, Black	36F182	174.67

**KITS OF EIGHT 25-FT. SPOOLS**

● 8824	20 (10x30)	0.070"	Brown, White, Black, Orange, Green, Red, Lt. Blue, Yellow	36F181	122.84
● 8816	18 (16x30)	0.080"	Brown, White, Black, Orange, Green, Red, Lt. Blue, Yellow	87K7286	128.88

Custom create a hook-up wire kit. Select Belden hook-up wire, in five 100' spools or eight 25' spools, choose the colors needed and assemble on mfg. part no. 8800-0-0 dispenser rack; ordered separately below. NOTE: hook-up wire not included.

Mfg. Part No.	Description	Stock No.	Price 1-4
● 8800	Hook-Up Wire Dispenser Rack Only	20M4466	25.14

(6157)

**INSULATED LEAD WIRE**



**HIGH-TEMPERATURE EPDM INSULATED LEAD WIRE**

EPDM (ethylene-propylene diene elastomer) insulation offers excellent flexibility at high and low temperatures (150°C to -60°C), good dielectric strength, abrasion/cut-through resistance, mechanical properties and ozone resistance. Unshielded, 1-conductor EPDM wire is recommended for Class 130(B), 155(F) and some 180(H) systems. Recommended max. baking cycles: 350°F/177°C (24 hrs.), 375°F/190°C (4 hrs.). Sold in 500' spools. Also available in 1000' spools and other colors; go online or call.

**EPDM INSULATION, 0.045" THICK — UL STYLE 3374 600V, 150°C; CSA TYPE CL1254 600V, 125°C**

Mfg. Part No.	AWG (Stranding)	Nom. O.D. (In.)	500' Spool	
			Black Stock No.	Price per Spool
● 37118 010500	18 (16x30)	0.142	87K1250	138.08
● 37116 010500	16 (26x30)	0.155	87K1247	170.90
● 37114 010500	14 (41x30)	0.170	04F6376	235.40
● 37112 010500	12 (65x30)	0.190	87K1245	328.68
● 37110 010500	10 (65x28)	0.240	87K1244	467.11

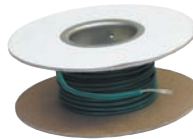
**XL-DUR™ INSULATED LEAD WIRE**

XL-DUR™ insulation is a chemically cross-linked polyethylene that offers excellent thermal aging characteristics, moisture and solvent resistance. It has good abrasion and ozone resistance. Resists deformation when subjected to momentary high temperatures during assembly processes. Recommended for Class 130(B) as motor leads. Maximum baking cycles: 300°F/149°C (24 hrs.), 325°F/163°C (12 hrs.), 350°F/177°C (8 hrs.). Sold in 500' spools. Also available in 1000' spools and other colors; go online or call.

➔ CONTINUED ➔

**UL STYLE 1015, PVC INSULATED HOOK-UP WIRE**

- Passes VW-1 and FT1 flame resistance test
- Meets MIL-W-16878/1B & 2C
- Operating temperature -10°C to 105°C
- Rated voltage 600V (spark voltage 6000V)



Additional colors and sizes available, go online or call.

AWG	Stranding	Nom. O.D. (In.)	Color	100' Spool			500' Spool			1000' Spool		
				Mfg. Part No.	Stock No.	Price per Spool	Mfg. Part No.	Stock No.	Price per Spool	Mfg. Part No.	Stock No.	Price per Spool
24	7 x 32	0.087	White	● PP1171	45M6544	12.63	● PP1136	45M6509	29.93	● PP1106	45M6479	45.67
24	7 x 32	0.087	Green	● PP1172	45M6545	12.63	● PP1137	45M6510	29.93	● PP1107	45M6480	45.67
24	7 x 32	0.087	Black	...	...	...	● PP1138	45M6511	29.93	● PP1108	45M6481	45.67
24	7 x 32	0.087	Red	● PP1174	45M6547	12.63	● PP1139	45M6512	29.93	● PP1109	45M6482	45.67
22	7 x 30	0.0941	White	● PP1176	45M6549	19.30	● PP1141	45M6514	46.95	● PP1111	45M6484	68.55
22	7 x 30	0.0941	Green	● PP1177	45M6550	19.30	● PP1142	45M6515	46.95	● PP1112	45M6485	68.55
22	7 x 30	0.0941	Black	● PP1178	45M6551	19.30	● PP1143	45M6516	46.95	● PP1113	45M6486	68.55
22	7 x 30	0.0941	Red	● PP1179	45M6552	19.30	● PP1144	45M6517	46.95	● PP1114	45M6487	68.55
20	10 x 30	0.1004	White	● PP1181	45M6554	20.51	● PP1146	45M6519	53.67	● PP1116	45M6489	79.96
20	10 x 30	0.1004	Green	● PP1182	45M6555	20.51	● PP1147	45M6520	53.67	● PP1117	45M6490	79.96
20	10 x 30	0.1004	Black	...	...	...	● PP1148	45M6521	53.67	● PP1118	45M6491	79.96
20	10 x 30	0.1004	Red	● PP1184	45M6557	20.51	● PP1149	45M6522	53.67	● PP1119	45M6492	79.96
18	16 x 30	0.1094	White	● PP1186	45M6559	25.53	● PP1151	45M6524	60.19	● PP1121	45M6494	74.53
18	16 x 30	0.1094	Green	● PP1187	45M6560	25.53	● PP1152	45M6525	60.46	● PP1122	45M6495	99.95

➔ CONTINUED ➔

**XL-DUR INSULATION, 0.030" THICK — UL STYLE 3173 600V, 125°C; CSA TYPE CL1251 600V, 125°C**

Mfg. Part No.	AWG (Stranding)	Nom. O.D. (In.)	500' Spool	
			Black Stock No.	Price per Spool
● 35620 010500	20 (10 x 30)	0.102	05F1903	71.81
● 35618 010500	18 (16 x 30)	0.109	87K1232	90.47
● 35616 010500	16 (26 x 30)	0.123	87K1231	119.42
● 35614 010500	14 (41 x 30)	0.138	03F7456	176.88
● 35612 010500	12 (65 x 30)	0.153	87K6211	269.72

**DUPONT HYPALON™ INSULATED LEAD WIRE**

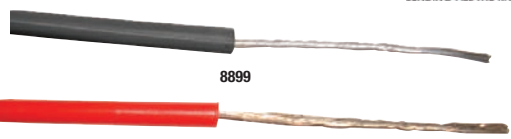
DuPont Hypalon™ insulation has excellent heat resistance, color stability and electrical properties. It offers good oil, ozone and abrasion resistance. Recommended for Class 130(B) as motor leads. Maximum baking cycles: 300°F/149°C (24 hrs.), 325°F/163°C (12 hrs.). Passes VW-1 vertical wire flame test. Sold in 500' spools. Also available in 1000' spools and other colors; go online or call.

**HYPALON INSULATION, 0.045" THICK — UL STYLE 3191 600V, 105°C; CSA TYPE CL1053 600V, 105°C**

Mfg. Part No.	AWG (Stranding)	Nom. O.D. (In.)	500' Spool	
			Black Stock No.	Price per Spool
● 34418 010500	18 (16x30)	0.142	04F6392	165.09
● 34416 010500	16 (26x30)	0.155	04F6411	199.59
● 34414 010500	14 (41x30)	0.170	05F1836	240.86
● 34412 010500	12 (65x30)	0.190	04F6425	322.08
● 34410 010500	10 (65x28)	0.209	88F1838	451.27

(9923)

**TEST PROD WIRE**



Stranded tinned-copper conductors, separator wrapping, red or black rubber insulated. Mfg. part nos. 8898 and 8899 AWG 18 (65x36). Mfg. part no. 9899 is PVC insulated, AWG 18 (65x36) and UL recognized. Working voltages listed in table below are AC rms values. Mfg. part no. 8897 is manufactured per MIL-W-131698 specs AWG 18 (65x36); mfg. part no. 8890 is miniature wire, AWG 24 (45x40).

Co- lor	O.D. (In.)	Work. V	Mfg. Part No.	100' Spool		Mfg. Part No.	500' Spool	
				Stock No.	Price per Spool		Stock No.	Price per Spool
Red	.229	10000	● 8898 002100*	02F3950	118.39	● 8898 002500*	87K7290	463.94
Blk.	.229	10000	● 8898 010100*	87K7288	118.39	● 8898 010500*	87K7289	463.94
Red	.144	5000	● 8899 002100*	02F3961	86.34	● 8899 002500*	87K6343	302.11
Blk.	.144	5000	● 8899 010100*	02F3967	86.34	● 8899 010500*	02F3972	302.11
Red	.144	5000	...	...	...	● 8897 002U500	02F4110	450.21
Blk.	.144	5000	...	...	...	● 8897 010U500	02F4211	450.21
Red	.144	5000	● 9899 002100	04F3319	72.56	● 9899 002500	04F3321	282.66
Blk.	.144	5000	● 9899 010100	04F3320	72.56	● 9899 010500	87K6364	282.66
Red	.066	1000	● 8890 002100*	02F3979	53.86	● 8890 002500*	87K6342	236.46
Blk.	.066	1000	● 8890 010100*	02F3976	53.86	● 8890 010500*	02F3978	218.34

\*Mfg. part no. 8899 available in 10', 25' and 1000' spools; mfg. part no. 8890 and mfg. part no. 8898 available in 25' spools; go online or call.

(6163)

## HOOK-UP WIRE

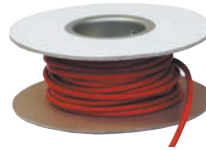
### UL STYLE 1015, PVC INSULATED HOOK-UP WIRE (CONT.)

AWG	Stranding	Nom. O.D. (in.)	Color	100' Spool			500' Spool			1000' Spool		
				Mfg. Part No.	Stock No.	Price per Spool	Mfg. Part No.	Stock No.	Price per Spool	Mfg. Part No.	Stock No.	Price per Spool
18	16 x 30	0.1094	Black	...	...	...	● PP1153	45M6526	44.47	● PP1123	45M6496	74.53
18	16 x 30	0.1094	Red	● PP1189	45M6562	25.53	● PP1154	45M6527	62.15	● PP1124	45M6497	99.95

(94522)

### UL STYLE 1061, SEMI-RIGID PVC INSULATED HOOK-UP WIRE

- Passes VW-1 and FT1 flame resistance test
- Rated temperature 80°C
- Rated voltage 300V (spark voltage 3000V)



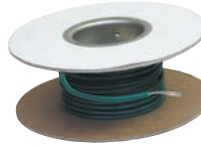
Additional colors and sizes available, go online or call.

AWG	Stranding	Nom. O.D. (in.)	Color	100' Spool			500' Spool			1000' Spool		
				Mfg. Part No.	Stock No.	Price per Spool	Mfg. Part No.	Stock No.	Price per Spool	Mfg. Part No.	Stock No.	Price per Spool
24	7 x 32	0.0437	White	● PP1278	45M6651	11.60	● PP1332	45M6706	26.10	● PP1386	45M6761	44.65
24	7 x 32	0.0437	Green	● PP1279	45M6652	11.60	● PP1333	45M6707	26.10	● PP1387	45M6762	44.65
24	7 x 32	0.0437	Black	...	...	...	● PP1334	45M6708	26.10	● PP1388	45M6763	44.65
24	7 x 32	0.0437	Red	● PP1281	45M6654	11.60	● PP1335	45M6709	26.10	● PP1389	45M6764	44.65
22	7 x 30	0.0496	White	● PP1287	45M6660	16.81	● PP1341	45M6715	37.52	● PP1395	45M6770	66.70
22	7 x 30	0.0496	Green	● PP1288	45M6661	16.81	● PP1342	45M6716	37.52	● PP1396	45M6771	66.70
22	7 x 30	0.0496	Black	● PP1289	45M6662	16.81	● PP1343	45M6717	37.52	● PP1397	45M6772	66.70
22	7 x 30	0.0496	Red	● PP1290	45M6663	16.81	● PP1344	45M6718	37.52	● PP1398	45M6773	66.70
20	7 x 28	0.0571	White	● PP1296	45M6669	21.70	● PP1350	45M6724	48.60	● PP1404	45M6779	85.52
20	7 x 28	0.0571	Green	● PP1297	45M6670	21.70	● PP1351	45M6725	48.60	● PP1405	45M6780	85.52
20	7 x 28	0.0571	Black	● PP1298	45M6671	21.70	● PP1352	45M6726	48.60	● PP1406	45M6781	85.52
20	7 x 28	0.0571	Red	● PP1299	45M6672	21.70	● PP1353	45M6727	48.60	● PP1407	45M6782	85.52
18	16 x 30	0.661	White	● PP1305	45M6678	31.00	● PP1359	45M6733	68.25	● PP1413	45M6788	118.66
18	16 x 30	0.661	Green	● PP1306	45M6679	31.00	● PP1360	45M6734	68.25	● PP1414	45M6789	118.66
18	16 x 30	0.661	Black	● PP1307	45M6680	31.00	● PP1361	45M6735	44.47	● PP1415	45M6790	118.66
18	16 x 30	0.661	Red	● PP1308	45M6681	31.00	● PP1362	45M6736	68.25	● PP1416	45M6791	98.62

(94523)

### UL 1213, PTFE (TEFLON®) INSULATED HOOK-UP WIRE

- Passes VW-1 flame resistance test
- Rated temperature 105°C
- Spark voltage 1500V



Additional colors and sizes available, go online or call.

AWG	Stranding	Nom. O.D. (in.)	Color	100' Spool			1000' Spool		
				Mfg. Part No.	Stock No.	Price per Spool	Mfg. Part No.	Stock No.	Price per Spool
28	7 x 36	0.0283	White	● PP1206	45M6579	20.00	● PP1233	45M6606	36.58
28	7 x 36	0.0283	Black	...	...	...	● PP1234	45M6607	36.58
28	7 x 36	0.0283	Red	...	...	...	● PP1235	45M6608	36.58
28	7 x 36	0.0283	Green	● PP1209	45M6582	20.00	● PP1236	45M6609	36.58
24	7 x 32	0.0398	White	● PP1215	45M6588	24.93	● PP1242	45M6615	53.40
24	7 x 32	0.0398	Black	● PP1216	45M6589	28.81	● PP1243	45M6616	53.40
24	7 x 32	0.0398	Red	...	...	...	● PP1244	45M6617	53.40
24	7 x 32	0.0398	Green	● PP1218	45M6591	28.81	● PP1245	45M6618	53.40
20	10 x 30	0.0531	White	...	...	...	● PP1251	45M6624	102.35
20	10 x 30	0.0531	Black	● PP1225	45M6598	34.06	● PP1252	45M6625	102.35
20	10 x 30	0.0531	Red	...	...	...	● PP1253	45M6626	102.35
20	10 x 30	0.0531	Green	● PP1227	45M6600	34.06	● PP1254	45M6627	102.35

(94524)

### UL STYLE 1007, PVC INSULATED HOOK-UP WIRE

- Passes VW-1 and FT1 flame resistance test
- Meets MIL-W-16878/1B & 2C
- Operating temperature -10°C to 105°C
- Rated voltage 300V (spark voltage 3000V)



Additional colors and sizes available, go online or call.

AWG	Stranding	Nom. O.D. (in.)	Color	100' Spool			500' Spool			1000' Spool		
				Mfg. Part No.	Stock No.	Price per Spool	Mfg. Part No.	Stock No.	Price per Spool	Mfg. Part No.	Stock No.	Price per Spool
28	7 x 34	0.0469	Red	● PP1004	45M6377	7.23	● PP1039	45M6412	17.16	● PP1074	45M6447	26.85
24	7 x 32	0.0555	White	● PP1011A	45M6384	12.36	● PP1046	45M6419	26.94	● PP1081	45M6454	38.76
24	7 x 32	0.0555	Green	● PP1012A	45M6385	12.36	● PP1047	45M6420	26.94	● PP1082	45M6455	38.76
24	7 x 32	0.0555	Black	● PP1013A	45M6386	12.36	● PP1048	45M6421	26.94	● PP1083	45M6456	38.76
24	7 x 32	0.0555	Red	● PP1014A	45M6387	12.36	● PP1049	45M6422	26.94	● PP1084	45M6457	38.76
22	7 x 30	0.0614	White	● PP1016	45M6389	18.91	● PP1051	45M6424	39.99	● PP1086	45M6459	58.95
22	7 x 30	0.0614	Green	● PP1017	45M6390	18.91	● PP1052	45M6425	39.99	● PP1087	45M6460	58.95
22	7 x 30	0.0614	Black	...	...	...	● PP1053	45M6426	39.99	● PP1088	45M6461	58.95

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HOOK-UP WIRE • CATEGORY/LAN CABLE

UL STYLE 1007, PVC INSULATED HOOK-UP WIRE (CONT.)

AWG	Stranding	Nom. O.D. (in.)	Color	100' Spool			500' Spool			1000' Spool		
				Mfg. Part No.	Stock No.	Price per Spool	Mfg. Part No.	Stock No.	Price per Spool	Mfg. Part No.	Stock No.	Price per Spool
22	7 x 30	0.0614	Red	● PP1019	45M6392	18.91	● PP1054	45M6427	39.99	● PP1089	45M6462	58.95
20	7 x 28	0.0689	White	● PP1021	45M6394	23.36	● PP1056	45M6429	49.98	● PP1091	45M6464	76.87
20	7 x 28	0.0689	Green	● PP1022	45M6395	23.36	● PP1057	45M6430	49.98	● PP1092	45M6465	76.87
20	7 x 28	0.0689	Black	● PP1023	45M6396	23.36	● PP1058	45M6431	49.98	● PP1093	45M6466	76.87
20	7 x 28	0.0689	Red	...	...	...	● PP1059	45M6432	49.98	● PP1094	45M6467	76.87
18	16 x 30	0.078	White	...	...	...	● PP1061	45M6434	55.00	● PP1096	45M6469	90.24
18	16 x 30	0.078	Green	● PP1027	45M6400	27.44	● PP1062	45M6435	55.00	● PP1097	45M6470	90.24
18	16 x 30	0.078	Black	● PP1028	45M6401	27.44	● PP1063	45M6436	44.47	● PP1098	45M6471	90.24
18	16 x 30	0.078	Red	...	...	...	● PP1064	45M6437	55.00	● PP1099	45M6472	90.24

(93118)

WIRE SPOOL RACKS



Heavy-duty wire spool racks offer a convenient way of storing and dispensing wire. Prime cold-rolled steel 5/8" diameter rods with interlocking construction accommodate wire spools up to 10" in diameter. Finish: gray baked enamel. For use in stockrooms, maintenance, and other industrial applications. Made in the U.S.A.

Mfg. Part No.	Description	H x W x D	Stock No.	Price Each	
				1-4	16-42
8537-0689	2-Row Rack Dispenser	17 x 26 x 6"	16N2312	92.05	
8537-0690	4-Row Rack Dispenser	37 x 26 x 6"	16N2313	164.42	

(20026)

SOLAR CABLE



- Dual wall insulation
- Electron beam cross-linked
- Excellent resistance to U.V., water, ozone, fluids, salt, general weathering
- Excellent resistance to abrasion
- Halogen free, flame retardant, low toxicity
- Very low smoke emissions
- Excellent flexibility and stripping performance
- Operating Temperature from -40 °C up to +110 °C
- Voltage Rating up to 2600 V DC
- IEC 60228 Class 5 (stranded tin plated copper and flexible)
- TÜV certified

Tyco Electronics has specified a wire that is designed to meet the harsh environmental conditions typical in the wiring of photovoltaic installations. The flexible, dual wall, halogen free and cross linked solar wire offers long term stability and TÜV approval. Its outstanding features include: high resistance against environmental conditions like humidity, UV-radiation and ozone. In addition, it has excellent resistance to abrasion and temperature extremes. The wire has a high dielectric withstand voltage and with its fine-stranded, tin plated copper conductor, it is easy to handle and to strip.

Mfg. Part No.	AWG	Stranding	Nom. OD (in.)	Jacket Color	Stock No.	Price	
						1-4	16-42
● 1986165-2	12	65 x .0100	0.19	Black	78M6683	203.79	
● 1986164-2	10	104 x .0100	0.21	Black	78M6682	308.08	

(106835)

CATEGORY 6 MEDIATWIST® MULTIMEDIA LAN CABLE



Mediatwist® is video, data and voice cable in a single 4-pair UTP (Unshielded Twisted Pair) cable. Patented Bonded-Pair technology provides stable performance to 350MHz with electrical characteristics exceeding TIA/EIA Category 6 standards. Unique crescent-shape design locks each pair in place. Pair-to-pair movement is greatly reduced during installation nullifying any electrical degradation resulting from various installation techniques. Jacket is marked at 2" intervals. Nominal capacitance @ 1KHz: 15pF/ft. Resistance: 27.4ohms/1000'. Min. PS-ACR 25dB/m @ 100MHz. Min. PS-Next 42.3dB @ 100MHz. Min. RL 21.0 @ 100MHz. Mfg. part no. 1872A has polyethylene insulation; mfg. part no. 1874A has fluorinated ethylene propylene insulation. Sold in 1000' spools.

23 AWG, NON-PLENUM, PVC JACKET, UNSHIELDED

Mfg. Part No.	Color	Nom. O.D.	Stock No.	Price per Spool	
				1-2	16-42
● 1872A F6HA1000	Dark Pearl Gray	0.365"	01F164	283.90	
● 1872A X6GA1000	Gold	0.365"	01F165	283.90	
● 1874A D15A1000	Blue	0.365"	20M4402	748.33	

➤ CONTINUED ➤

CATEGORY 6 MEDIATWIST® MULTIMEDIA LAN CABLE (CONT.)

23 AWG, PLENUM, FLAMARREST JACKET, UNSHIELDED

Mfg. Part No.	Color	Nom. O.D.	Stock No.	Price per Spool	
				1-2	16-42
● 1874A-A1000-877	Natural	0.365"	01F167	748.33	
● 1874A D15A1000	Blue	0.365"	20M4402	748.33	

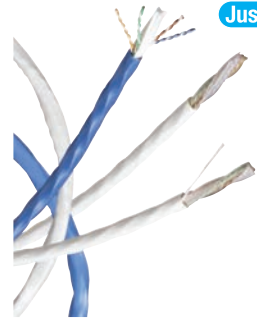
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CATEGORY 6A 10GX® TWISTED PAIRED LAN CABLE



Just Added

- Available in riser and plenum versions
- Choice of bonded- and nonbonded-pair construction
- RoundFlex H-web design separates pairs and maintains stability, improving ANEXT, NEXT and impedance performance
- Small 0.295" diameter minimized for compactness of installations
- Guaranteed electrical performance that goes well beyond Category 6A
- Strong signal strength due to improved noise attenuation
- Maximized bandwidth and signal-to-noise margin for mission-critical applications
- Reduced Alien Crosstalk and less susceptibility to noise due to improved balance/symmetry on Bonded-Pair products
- Truly backward compatible with Cat 6 and Cat 5e components
- Matching tip and ring color code for ease of installation



10GX® series paired cable is designed to meet the needs of demanding networking arenas that require both high-density connections and superb mechanical and electrical performance. Ideal for use in horizontal cable installations in data centers, high-speed Local Area Networks (LANs), server farms, storage area networks (SANs), network access nodes (NANs), campus backbones, metropolitan area networks (MANs) and short-distance backbone connections. This unshielded cable consists of four bonded- or nonbonded-pairs of 23 AWG solid copper conductors. Bonded-pairs feature a patented design in which the individual conductors are securely bonded along their longitudinal axis to guarantee uniform spacing within each twisted pair to maintain consistently high electrical performance. Meets Cat 6A requirements as per TIA/EIA-568-B.2-10-2008, and ISO/IEC 11801 Ed.2 Draft Amd 2 Class EA. Exceeds Cat 6 requirements per ANSI/TIA/EIA-568-B. Exceeds Cat 5e requirements per ANSI/TIA/EIA-568-A.5 or ANSI/TIA/EIA-568-B. Available in assorted popular colors. Sold in 1000' spools.

BONDED-PAIR, RISER (CMR), POLYOLEFIN INSULATION, PVC JACKET

Mfg. Part No.	Jacket Color	Spool Size (Ft.)	Stock No.	Price per Spool
● 10GX32 0041000	Yellow	1000	04R6486	549.10
● 10GX32 61000	Blue	1000	04R6487	549.10
● 10GX32 0081000	Gray	1000	04R6488	549.10
● 10GX32 91000	White	1000	04R6489	549.10

BONDED-PAIR, PLENUM (CMP), FEP INSULATION, LOW-SMOKE PVC JACKET

Mfg. Part No.	Jacket Color	Spool Size (Ft.)	Stock No.	Price per Spool
● 10GX33 0041000	Blue	1000	04R6491	1265.36
● 10GX33 D151000	Yellow	1000	04R6490	1265.36
● 10GX33 0081000	Gray	1000	04R6492	1265.36
● 10GX33 0091000	White	1000	04R6493	1265.36

NONBONDED-PAIR, RISER (CMR), POLYOLEFIN INSULATION, PVC JACKET

Mfg. Part No.	Jacket Color	Spool Size (Ft.)	Stock No.	Price per Spool
● 10GX12 0021000	Red	1000	04R6465	494.83
● 10GX12 0031000	Orange	1000	04R6466	494.83
● 10GX12 0041000	Yellow	1000	04R6467	494.83
● 10GX12 0051000	Green	1000	04R6469	494.83
● 10GX12 0061000	Blue	1000	04R6470	494.83
● 10GX12 0071000	Purple	1000	04R6472	494.83
● 10GX12 81000	Gray	1000	04R6473	494.83
● 10GX12 0091000	White	1000	04R6474	494.83
● 10GX12 0101000	Black	1000	04R6463	494.83

NONBONDED-PAIR, PLENUM (CMP), FEP INSULATION, LOW-SMOKE PVC JACKET

Mfg. Part No.	Jacket Color	Spool Size (Ft.)	Stock No.	Price per Spool
● 10GX13 0041000	Yellow	1000	04R6480	1140.95
● 10GX13 0051000	Green	1000	04R6482	1140.28
● 10GX13 D151000	Blue	1000	04R6476	1140.28

➤ CONTINUED ➤

# CATEGORY/LAN CABLE

## CATEGORY 6A 10GX® TWISTED PAIRED LAN CABLE (CONT.)

NONBONDED-PAIR, PLENUM (CMP), FEP INSULATION, LOW-SMOKE PVC JACKET

Mfg. Part No.	Jacket Color	Spool Size (Ft.)	Stock No.	Price per Spool
<b>10GX13 0071000</b>	Purple	1000	04R6483	1140.28
<b>10GX13 81000</b>	Gray	1000	04R6484	1101.70
<b>10GX13 0091000</b>	White	1000	04R6485	1140.28
<b>10GX13 0101000</b>	Black	1000	04R6478	1140.28

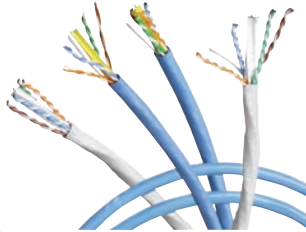
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## CATEGORY 6 DATATWIST® 4800 SERIES TWISTED PAIRED LAN CABLE



Just Added

- Available in riser, plenum and low-smoke zero halogen versions
- Choice of bonded- and nonbonded-pair construction
- Central spline design separates pairs and maintains stable pair position, to improve NEXT and impedance performance
- Stable pair position provides built-in resilience to installation stresses
- Improved attenuation provides stronger signal power
- Maximized bandwidth and signal-to-noise margin for mission-critical applications
- Larger 23 AWG conductors are ideal for PoE and PoE+ applications
- Descending distance marking for cable length reduces waste
- Matching tip and ring color code for ease of installation



DataTwist® 4800 series paired cable is intended to be used for horizontal cable installations of high speed Local Area Networks (LANs) for transmission speeds up to 4.8 Gb/s. This enhanced Category 6 cable provides significant headroom and delivers robust data transmission performance for today's and the future's most demanding applications. This unshielded cable consists of four twisted bonded- or nonbonded-pairs of 23 AWG solid copper conductors. A unique central spline separates and holds the twisted pairs firmly in position, at a uniform distance from each other, resulting in very stable transmission and improved Power Sum Crosstalk performance. The bonded-pairs feature a patented design in which the individual conductors are securely bonded along their longitudinal axis to guarantee uniform spacing within each twisted pair to maintain consistently high electrical performance. Meets Cat 6 requirements per TIA/EIA-568-B.2-1, ISO/IEC 11801 ed 2.1 (2008) Class E, Riser: ITS/ETL Certified as CMR, and listed as NEC Type CMR per UL Standard 444. Plenum: ITS/ETL Certified as CMP, and listed as NEC Type CMP per UL Standard 444. Low smoke zero halogen: ISO/IEC 332-1, 754-2 and 1034-2. Available in assorted popular colors. **Sold in spool sizes indicated in table below.**

### 7851A SERIES BONDED-PAIR, RISER (CMR), POLYOLEFIN INSULATION, PVC JACKET

Mfg. Part No.	Color	Nom. O.D. (In.)	Spool Size (Ft.)	Stock No.	Price per Spool
<b>7851A F6H1000</b>	Gray	0.277 x 0.315	1000*	<b>91C3767</b>	412.16
<b>7851A 002A1000</b>	Red	0.277 x 0.315	1000*	<b>91C3768</b>	372.67
<b>7851A 003A1000</b>	Orange	0.277 x 0.315	1000*	<b>91C3770</b>	372.67
<b>7851A 004A1000</b>	Yellow	0.277 x 0.315	1000*	<b>91C3772</b>	372.67
<b>7851A 005A1000</b>	Green	0.277 x 0.315	1000*	<b>11K8614</b>	412.16
<b>7851A 006A1000</b>	Blue	0.277 x 0.315	1000*	<b>72C6933</b>	412.16
<b>7851A 009A1000</b>	White	0.277 x 0.315	1000*	<b>91C3776</b>	372.67
<b>7851A 010A1000</b>	Black	0.277 x 0.315	1000*	<b>11K8620</b>	412.16
<b>7851A F6H1000</b>	Gray	0.277 x 0.315	1000	<b>05R6444</b>	412.16
<b>7851A 0021000</b>	Red	0.277 x 0.315	1000	<b>91C3769</b>	372.67
<b>7851A 0031000</b>	Orange	0.277 x 0.315	1000	<b>91C3771</b>	372.67
<b>7851A 0041000</b>	Yellow	0.277 x 0.315	1000	<b>91C3773</b>	372.67
<b>7851A 0051000</b>	Green	0.277 x 0.315	1000	<b>91C3775</b>	372.67
<b>7851A 0061000</b>	Blue	0.277 x 0.315	1000	<b>39C9835</b>	412.16
<b>7851A 0091000</b>	White	0.277 x 0.315	1000	<b>91C3777</b>	412.16
<b>7851A 0101000</b>	Black	0.277 x 0.315	1000	<b>34M4144</b>	372.67

### 7852A SERIES BONDED-PAIR, PLENUM (CMP), FEP INSULATION, LOW-SMOKE PVC JACKET

<b>7852A 004A1000</b>	Yellow	0.218 x 0.29	1000*	<b>11K8627</b>	1120.74
<b>7852A 005A1000</b>	Green	0.218 x 0.29	1000*	<b>11K8629</b>	1120.74
<b>7852A D15A1000</b>	Blue	0.218 x 0.29	1000*	<b>30M7508</b>	1120.74
<b>7852A 008A1000</b>	Gray	0.218 x 0.29	1000*	<b>11K8631</b>	1120.74
<b>7852A 009A1000</b>	White	0.218 x 0.29	1000*	<b>91C3791</b>	1013.37
<b>7852A 0021000</b>	Red	0.218 x 0.29	1000	<b>11K8626</b>	1120.74
<b>7852A 0041000</b>	Yellow	0.218 x 0.29	1000	<b>11K8628</b>	1120.74
<b>7852A 0051000</b>	Green	0.218 x 0.29	1000	<b>11K8630</b>	1120.74
<b>7852A D151000</b>	Blue	0.218 x 0.29	1000	<b>30M7509</b>	1120.74
<b>7852A 0081000</b>	Gray	0.218 x 0.29	1000	<b>34M4146</b>	1013.37
<b>7852A 0091000</b>	White	0.218 x 0.29	1000	<b>30M7510</b>	1120.74
<b>7852A 0101000</b>	Black	0.218 x 0.29	1000	<b>11K8636</b>	1120.74

### 7851NH SERIES BONDED-PAIR, POLYOLEFIN INSULATION, LOW-SMOKE ZERO HALOGEN POLYMER ALLOY JACKET

<b>7851NH E4XA1000</b>	Gray	0.241 x 0.329	1000*	<b>11K8622</b>	473.62
<b>7851NH E4X1000</b>	Gray	0.241 x 0.329	1000	<b>11K8623</b>	473.62

### 4812 SERIES NONBONDED-PAIR, RISER (CMR), POLYOLEFIN INSULATION, PVC JACKET

<b>4812 006A1000</b>	Blue	0.245	1000*	<b>05R6432</b>	416.50
<b>4812 009A1000</b>	White	0.245	1000*	<b>05R6435</b>	400.47
<b>4812 0021000</b>	Red	0.245	1000	<b>05R6430</b>	400.47
<b>4812 0041000</b>	Yellow	0.245	1000	<b>19P7513</b>	400.47
<b>4812 0051000</b>	Green	0.245	1000	<b>05R6431</b>	400.47
<b>4812 0061000</b>	Blue	0.245	1000	<b>63P9069</b>	400.47

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## CATEGORY 6 DATATWIST® 4800 SERIES TWISTED PAIRED LAN CABLE (CONT.)

4812 SERIES NONBONDED-PAIR, RISER (CMR), POLYOLEFIN INSULATION, PVC JACKET

Mfg. Part No.	Color	Nom. O.D. (In.)	Spool Size (Ft.)	Stock No.	Price per Spool
<b>4812 0081000</b>	Gray	0.245	1000	<b>05R6434</b>	400.47
<b>4812 0091000</b>	White	0.245	1000	<b>05R6436</b>	400.47
<b>4812 0062500</b>	Blue	0.245	2500	<b>05R6433</b>	1001.17

### 4813 SERIES NONBONDED-PAIR, PLENUM (CMP), FEP-OVER-POLYOLEFIN DUAL INSULATION, LOW-SMOKE PVC JACKET

<b>4813 D15A1000</b>	Blue	0.24	1000*	<b>05R6437</b>	1098.86
<b>4813 009A1000</b>	White	0.24	1000*	<b>05R6440</b>	1098.86
<b>4813 0041000</b>	Yellow	0.24	1000	<b>19P7510</b>	1098.86
<b>4813 0051000</b>	Green	0.24	1000	<b>05R6438</b>	1098.86
<b>4813 0081000</b>	Gray	0.24	1000	<b>05R6439</b>	1098.86
<b>4813 0091000</b>	White	0.24	1000	<b>05R6441</b>	1098.86
<b>4813 0101000</b>	Black	0.24	1000	<b>05R6443</b>	1098.86
<b>4813 D151000</b>	Blue	0.24	1000	<b>40P3604</b>	1098.86
<b>4813 0092500</b>	White	0.24	2500	<b>05R6442</b>	2747.15

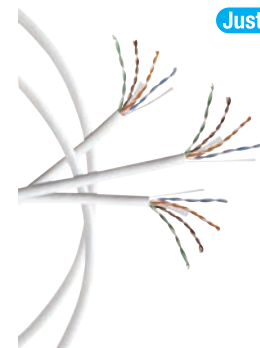
\*Spool-in-Box packaging for ease of installation (72657)

## CATEGORY 6 DATATWIST® 2400 SERIES TWISTED PAIRED LAN CABLE



Just Added

- Available in riser and plenum versions
- Exceed TIA/EIA requirements for Category 6 Installations
- Provide for transmission speeds up to 2.4Gb/s
- Increased bandwidth and signal-to-noise margin
- Optimized balance of transmission performance for simultaneous parallel transmission protocols
- Small diameter for higher density installations
- Descending distance marking for cable length reduces waste
- Matching tip and ring color code for ease of installation



DataTwist® 2400 series paired cable is intended to be used for horizontal cable installations of high-speed Local Area Networks (LANs) for transmission speeds up to 2.4 Gb/s. This unshielded cable consists of four twisted pairs of 23 AWG solid copper conductors with a round flexible core construction. The patented design features a central tape to provide pair separation, and matched conductors on all four pairs, which provide for extremely stable electrical performance. Meets or exceeds Cat 6 requirements per TIA/EIA-568-B.2-1. Exceeds Cat 5e requirements per ANSI/TIA/EIA-568-A.5 or TIA/EIA-568-B.2. Exceeds the Cat 5 requirements per ANSI/TIA/EIA-568-A, CSA T529-95 and ISO/IEC 11801-1995. Exceeds the Cat 5 requirements per NEMA Standard WC 63.1-1996. Exceeds the Cat 5 requirements of ICEA S-90-661-1997. Available in assorted popular colors. **Sold in spool sizes indicated in table below.**

### 2412 SERIES, RISER (CMR), POLYOLEFIN INSULATION, PVC JACKET

Mfg. Part No.	Jacket Color	Nom. O.D. (In.)	Spool Size (Ft.)	Stock No.	Price per Spool
<b>2412 003A1000</b>	Orange	0.214	1000*	<b>05R6193</b>	254.01
<b>2412 004A1000</b>	Yellow	0.214	1000*	<b>05R6194</b>	254.01
<b>2412 005A1000</b>	Green	0.214	1000*	<b>05R6197</b>	254.01
<b>2412 006A1000</b>	Blue	0.214	1000*	<b>05R6199</b>	254.01
<b>2412 007A1000</b>	Purple	0.214	1000*	<b>05R6201</b>	254.01
<b>2412 008A1000</b>	Gray	0.214	1000*	<b>05R6202</b>	254.01
<b>2412 009A1000</b>	Gray	0.214	1000*	<b>05R6203</b>	254.01
<b>2412 010A1000</b>	Black	0.214	1000*	<b>05R6206</b>	254.01
<b>2412 0041000</b>	Yellow	0.214	1000**	<b>05R6195</b>	254.01
<b>2412 0051000</b>	Green	0.214	1000**	<b>05R6198</b>	254.01
<b>2412 0061000</b>	Blue	0.214	1000**	<b>63P9083</b>	254.01
<b>2412 0081000</b>	Gray	0.214	1000**	<b>04R7475</b>	254.01
<b>2412 0091000</b>	Gray	0.214	1000**	<b>05R6204</b>	254.01
<b>2412 0101000</b>	Black	0.214	1000**	<b>08P5001</b>	254.01
<b>2412 0042500</b>	Yellow	0.214	2500+	<b>05R6196</b>	771.91
<b>2412 0062500</b>	Blue	0.214	2500+	<b>05R6200</b>	771.91
<b>2412 0092500</b>	White	0.214	2500+	<b>05R6205</b>	771.91

### 2413 SERIES, PLENUM (CMP), LOW-SMOKE FEP INSULATION, LOW-SMOKE PVC JACKET

<b>2413 002A1000</b>	Red	0.21	1000*	<b>05R6209</b>	500.50
<b>2413 003A1000</b>	Orange	0.21	1000*	<b>05R6210</b>	500.50
<b>2413 004A1000</b>	Yellow	0.21	1000*	<b>05R6212</b>	500.50
<b>2413 005A1000</b>	Green	0.21	1000*	<b>05R6215</b>	500.50
<b>2413 007A1000</b>	Pink	0.21	1000*	<b>05R6218</b>	500.50
<b>2413 008A1000</b>	Gray	0.21	1000*	<b>05R6219</b>	500.50
<b>2413 009A1000</b>	Gray	0.21	1000*	<b>05R6221</b>	500.50
<b>2413 010A1000</b>	Black	0.21	1000*	<b>05R6224</b>	500.50
<b>2413 012A1000</b>	Pink	0.21	1000*	<b>05R6227</b>	500.50
<b>2413 D15A1000</b>	Blue	0.21	1000*	<b>05R6207</b>	500.50

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**CATEGORY 6 DATATWIST® 2400 SERIES TWISTED PAIRED LAN CABLE**

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2413 SERIES, PLENUM (CMP), LOW-SMOKE FEP INSULATION, LOW-SMOKE PVC JACKET

Mfg. Part No.	Jacket Color	Nom. O.D. (In.)	Spool Size (Ft.)	Stock No.	Price per Spool
● 2413 0031000	Orange	0.21	1000**	05R6211	500.50
● 2413 0041000	Yellow	0.21	1000**	05R6213	500.50
● 2413 0051000	Green	0.21	1000**	05R6216	500.50
● 2413 0081000	Gray	0.21	1000**	05R6220	500.50
● 2413 0091000	Gray	0.21	1000**	05R6222	500.50
● 2413 0101000	Black	0.21	1000**	05R6225	500.50
● 2413 D151000	Blue	0.21	1000**	40P3602	500.50
● 2413 0042500	Yellow	0.21	2500+	05R6214	1574.27
● 2413 0052500	Green	0.21	2500+	05R6217	1520.98
● 2413 0092500	White	0.21	2500+	05R6223	1520.98
● 2413 0102500	Black	0.21	2500+	05R6226	1520.98
● 2413 D152500	Blue	0.21	2500+	05R6208	1520.98

\*Spool-in-Box packaging for ease of installation; \*\*11-3/4N Spool; +14N Spool (147117)

**CATEGORY 6 DATATWIST® 6 UTP CABLE**



7881A

DataTwist® Category 6 cable is an excellent choice for high-speed data applications and support applications such as 100 BASE-T, 155 ATM, and Gigabit Ethernet (1000 BASE-T). Quick and easy to install and offers all the performance you need for tomorrow's standards. Third party verified to TIA/EIA-568-B.2-1, Category 6. Feature four unbonded-pair UTP (unshielded twisted pair), 23 AWG solid bare copper conductors, central rod filler and ripcord. Choice of plenum or non-plenum versions. Nominal capacitance: 15.000 Pf/ft. Jacket is sequentially marked at 2' intervals. Temperature range: -20°C to 75°C for mfg. part no. 7882A; -20°C to 80°C for mfg. part no. 7882A. Sold in 1000' spools.

23 AWG NON-PLENUM — POLYOLEFIN INSULATION, PVC JACKET

Mfg. Part No.	Color	Nom. O.D. (In.)	Stock No.	Price per Spool
● 7881A 002A1000	Red	0.237	83C8175	250.34
● 7881A 003A1000	Orange	1.237	83C8176	260.83
● 7881A 004A1000	Yellow	0.237	83C8177	250.34
● 7881A 005A1000	Green	0.237	83C8178	250.34
● 7881A 0061000	Blue	0.237	39C7346	250.34
● 7881A 006A1000	Blue	2.237	83C8179	250.34
● 7881A 008A1000	Gray	0.237	83C8180	250.34
● 7881A 009A1000	White	0.237	83C8181	250.34
● 7881A 010A1000	Black	0.237	83C8182	250.34

23 AWG PLENUM — FEP TEFLON® INSULATION, FLAMARREST® JACKET

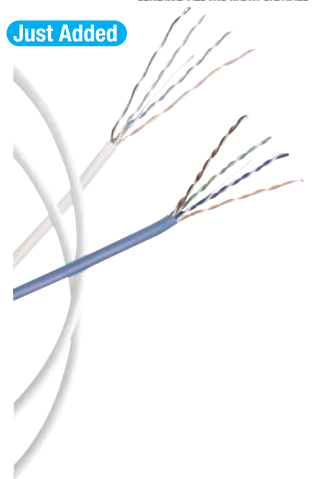
● 7882A 003A1000	Orange	0.23	83C8185	514.00
● 7882A 004A1000	Yellow	0.23	83C8186	514.00
● 7882A 005A1000	Green	0.23	83C8187	514.00
● 7882A 008A1000	Gray	0.23	83C8188	514.00
● 7882A D15A1000	Blue	0.23	83C8183	514.00
● 7882A D151000	Blue	0.23	19C5090	493.32

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**CATEGORY 5e DATATWIST® 1200 SERIES TWISTED PAIRED LAN CABLE**



Just Added



- Available in riser and plenum versions
  - Excellent mechanical and electrical performance for Cat 5e networks
  - Minimized skew for parallel transmission protocols
  - High-flexibility design eases cable installation and dressing
  - Small diameter minimized for compactness of installations
  - Descending distance marking for cable length reduces waste
  - Matching tip and ring color code for ease of installation
- DataTwist® 1200 series cable is intended to be used for horizontal cable installations of high-speed Local Area Networks (LANs), such as Gigabit Ethernet, for transmission speeds up to 1.2 Gb/s in systems with a bandwidth of 160 MHz. Ideal for supporting up to 1000BaseT, this cable was designed to exceed current standards, providing built-in margin and optimizing network performance. This unshielded cable consists of four twisted pairs of 24 AWG solid-copper conductors with a round flexible core construction. These insulated conductors are matched on all four pairs, which provides extremely stable electrical performance. Meets or exceeds the Category 5e requirements per ANSI/TIA/EIA-568-A.5 or TIA/EIA-568-B.2, has excellent PSNEX and PSACR characteristics, and is easy to install. Available in assorted popular colors. Sold in box or spool sizes indicated in table below.

1212 SERIES, RISER (CMR), POLYOLEFIN INSULATION, PVC JACKET

Mfg. Part No.	Jacket Color	Nom. O.D. (In.)	Spool Size (Ft.)	Stock No.	Price per Spool
● 1212 003U1000	Orange	0.186	1000*	04R6496	188.88
● 1212 004U1000	Yellow	0.186	1000*	04R6497	188.88
● 1212 005U1000	Green	0.186	1000*	39P9092	188.88
● 1212 008U1000	Gray	0.186	1000*	45P4948	188.88
● 1212 010U1000	Black	0.186	1000*	04R6503	188.88
● 1212 006U1000	Blue	0.186	1000*	04R6498	188.88
● 1212 009U1000	White	0.186	1000*	04R6501	188.88
● 1212 0061000	Blue	0.186	1000**	04R6499	188.88
● 1212 0091000	White	0.186	1000**	04R6502	188.88

1213 SERIES, PLENUM (CMP), POLYOLEFIN/ FEP DUAL INSULATION, LOW-SMOKE PVC JACKET

● 1213 003U1000	Orange	0.188	1000*	04R6507	394.29
● 1213 004U1000	Yellow	0.188	1000*	04R6508	394.29
● 1213 005U1000	Green	0.188	1000*	04R6509	394.29
● 1213 007U1000	Purple	0.188	1000*	04R6510	394.29
● 1213 008U1000	Gray	0.188	1000*	04R6511	394.29
● 1213 010U1000	Black	0.188	1000*	04R6515	394.29
● 1213 012U1000	Pink	0.188	1000*	04R6516	394.29
● 1213 D15U1000	Blue	0.188	1000*	04R6504	394.29
● 1213 009U1000	White	0.188	1000*	04R6512	394.29
● 1213 D151000	Blue	0.188	1000**	04R6505	394.29
● 1213 0091000	White	0.188	1000**	04R6513	394.29

\*TrapEZ box packaging for ease of installation; \*\*11-3/4N Spool; +14N Spool (146407)

**DATATUFF® CATEGORY 6 AND 5e ETHERNET CABLE FOR INDUSTRIAL NETWORKS**



For peak network efficiency and reliability, DataTuff® Category 6 and 5e Ethernet cable are made for tough industrial environments. Bonded pair cable features patented technology that affixes the conductors of the cable pairs along their longitudinal axes preventing gaps and keeping the conductor-to-conductor spacing uniform, thereby offering excellent and consistently reliable electrical performance even after the cable has been subjected to the bending, pulling and twisting inherent in the installation process. Category 5e and enhanced Category 5e cable feature 24 AWG bonded and unbonded pairs. Category 6 and enhanced Category 6 cable feature 23 AWG bonded pairs. Heavy-duty industrial-grade jackets are UV sunlight- and oil-resistant. Color: black unless otherwise noted. Sold in 1000' spools.

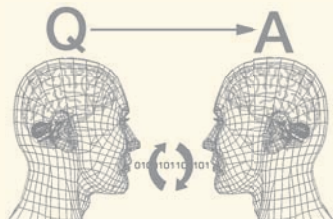
CAT 5e AND ENHANCED CAT 5e

Mfg. Part No.	Description	Shielding	Nom. O.D. (In.)	Stock No.	Price per Spool
● 7918A 0101000	Unbonded Pairs, Solid Conductors		0.23	30H4360	237.14
● 7919A 0101000	Unbonded Pairs, Solid Conductors		0.265	30H4362	453.15
● 7921A 0101000	Bonded Pairs, Solid Conductors		0.33	30H4364	850.70
● 7923A 0101000	Bonded Pairs, Solid Conductors	Unshielded	0.23	87K1517	318.47
● 7924A 0101000	Bonded Pairs, Stranded Conductors	Unshielded	0.242	87K1519	489.82
● 7928A 0101000	Bonded Pairs, Solid Conductors	Unshielded	0.187	30H4370	1160.65
● 7929A 0101000	Bonded Pairs, Solid Conductors	Foil	0.265	90H0105	560.62
● 11700A2 0101000	Bonded Pairs, Solid Conductors	Unshielded	0.285	88H3158	508.35
● 11700A2 0061000	Bonded Pairs, Solid Conductors	Unshielded	0.285	88H3157*	508.35
● 121700A 0101000	Bonded Pairs, Solid Conductors	Unshielded	0.53	90H0101	2104.04

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**Expert technical support**

Chat online to our team of engineers, or connect to them through your representative.



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## CATEGORY/LAN CABLE

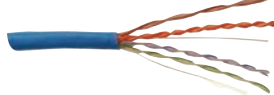
### DATATUFF® CATEGORY 6 AND 5e ETHERNET CABLE FOR INDUSTRIAL NETWORKS (CONT.)

#### CAT 6 AND ENHANCED CAT 6

Mfg. Part No.	Description	Shielding	Nom. O.D. (In.)	Stock No.	Price per Spool
● 7927A 0101000	Bonded Pairs, Solid Conductors	Unshielded	0.251	87K1520	690.38
● 121872A 0081000	Bonded Pairs, Solid Conductors	Unshielded	0.688	90H0103+	2344.68

\*Light blue; + Gray (65970)

### CATEGORY 5e+ DATATWIST® 350 TWISTED PAIR DATA CABLE



Tested to 350MHz, DataTwist® 350 cable has been category 5E since its introduction in 1993. Applications include multimedia (video, data and voice). Min. PS-ACR 17.1dB/m @ 100MHz. Min. PS-Next 35.3dB @ 100MHz. Nominal capacitance: 15pF/ft. CSA certified. For easier installation, the DataTwist® 350 cable stripping tool **mfg. part no. 1797A** is now available; go [online](#) or [call](#).

#### NON-PLENUM VERSION, UNSHIELDED

Polyolefin insulated. Four twisted pairs (singles adjointed). Ripcord. Low-loss PVC jacket. Temp. range: -20°C to 80°C. Nom. diameter: 0.200". NEC Type CM. Flame test: UL 1581 vertical tray, CSA FT4. Available in other colors; go [online](#) or [call](#). **Sold in 1000' spools.**

#### 24 AWG, 8 CONDUCTORS, 4 PAIRS, SOLID STRANDING, UNSHIELDED

Mfg. Part No.	Jacket Color	Nom. O.D. (inches)	Stock No.	Price per Spool		
				1-2	3-5	6-9
● 1700A 004U1000‡	Yellow	0.2	20M4386	215.27	204.96	195.93
● 1700A 006U1000‡	Blue	0.2	20M4387	215.27	204.96	195.93
● 1700A F2VU1000‡	Gray	0.2	05F1490	215.27	204.96	195.93
● 1700A 002U1000‡	Red	0.2	15B1955	215.27	204.96	195.93
● 1700A 003U1000‡	Orange	0.2	15B1956	215.27	204.96	195.93
● 1700A-U1000-10‡	Black	0.2	29C3505	215.27	204.96	195.93
● 1700A 009U1000‡	White	0.2	19C3024	215.27	204.96	195.93
● 1700A B021000	Purple	0.2	15B1957	215.27	204.96	195.93
● 1700A 0031000	Orange	0.2	15B1958	215.27	204.96	195.93
● 1700A 0101000	Black	0.2	29C5612	215.27	204.96	195.93
● 1700A 0051000	Green	0.2	15B1960	215.27	204.96	195.93
● 1700A 0061000	Light Blue	0.2	15B1961	215.27	204.96	195.93
● 1700A 0091000	White	0.2	19C3025	215.27	204.96	195.93

#### PLENUM VERSION, UNSHIELDED

24 AWG solid bare copper conductors. FEP insulated. Four twisted pairs (singles adjointed). Ripcord. Low-loss flexible Flammarrest® jacket. Temp. range: 0°C to 75°C. Nom. diameter: 0.195". NEC Type CMP. Flame test: UL 910 steiner tunnel, CSA FT4/FT6. 17011LC series DataTwist® limited combustible cable has Teflon® jacket, Type CMP50 and does not have a rip cord. Available in other colors; go [online](#) or [call Newark](#). **Sold in 1000' spools.**

Mfg. Part No.	Jacket Color	Nom. O.D. (inches)	Stock No.	Price per Spool		
				1-2	3-5	6-9
● 1701A 0051000†	Green	0.195	05F1495	441.05	419.92	401.44
● 1701A D151000‡	Blue	0.195	05F1497	441.05	419.92	401.44
● 1701LC 006U1000‡	Light Blue	0.187	30H1288	826.89	736.14	695.80
● 1701LC 0061000	Light Blue	0.187	30H1289	826.89	736.14	695.80
● 1701LC 009U1000‡	White	0.187	30H1290	826.89	736.14	695.80

†Create reel put-up; ‡UnReel® put-up (5917)

### CATEGORY 5e DATATWIST® UNSHIELDED TWISTED DATA CABLE



- Passes Category 5E Specifications
- Application Include 10 BaseT, 100 BaseT and ATM
- Meets/Exceeds IEEE 802.3 10 Base T Ethernet
- Meets/Exceeds TIA/EIA 568-B.2 Commercial Building Wiring Standard
- Compatible with Standard RJ45, RJ12, and RJ11 Jacks
- CSA PCCFT1, FT4 and FT6 Rated
- Min. PS-ACR 11dB/100m 100MHz
- Min. PS-Next 32.3dB 100MHz



4 pairs (8 total) 24 AWG solid bare copper conductors. Nominal capacitance: 15.000pF/ft. Nominal impedance: 100 ohms. CSA certified PCC and FT1. NEC Type CM rated. **Sold in 1000' spools**

#### 24 AWG, NON-PLENUM

Mfg. Part No.	Nom. O.D.	Jacket Material/Color	Insulation	Stock No.	Price per Spool
● 1583A 0061000	0.189"	PVC/Light Blue	Polyolefin	20M4372	160.66
● 1583B T301000	0.195"	PVC/Neon Pink	Polyolefin	04F8659	184.87
● 1585A 8771000	0.198"	Flammarrest®/Natural	FEP Teflon®	20M4377	302.61

#### 24 AWG PLENUM VERSION

● 1585A D151000	0.198"	Flammarrest®/Blue	FEP Teflon®	04F8038	302.61
● 1585LC 0091000	0.170"	FEP/White	FEP Teflon®	30H1237	633.27
● 1585B T301000	0.197"	Flammarrest®/Neon Pink	FEP Teflon®	04F8660	377.42

(6069)

### CATEGORY 5e DATATWIST® 350 COLOR PATCH CABLE



Cable is 24AWG (7 x 32) stranded tinned copper, polyolefin insulated, 100-ohm, unshielded, 4 twisted pairs, each with adjointed singles and a low-loss PVC jacket. RJ-45 compatible. UL/NEC and CSA C (UL) rated Type CM. Meets UL 1581 vertical tray test. Meets ISO/IEC 11801 standards. Meets TIA/EIA 568A standards. Available in 7 colors. Nominal O.D.: 0.220" (5.59). **Sold in spools of 1000'.**

Mfg. Part No.	Color	Stock No.	Price per Spool
● 1752A 0021000	Red	20M6054	349.37
● 1752A 0031000	Orange	52F6008	349.37
● 1752A 0041000	Yellow	52F6009	349.37
● 1752A 0051000	Green	20M4394	349.37
● 1752A 0061000	Lt. Blue	52F6011	349.37
● 1752A 0071000	Violet	20M4395	349.37
● 1752A F2V1000	Gray	52F6006	349.37

\*Meets ISO/IEC 11801 standards. †Meets TIA/EIA 568A standards. (6525)

### DATATWIST® 5 AND 5e LAN CABLE



Category 5 and 5e UTP LAN cable is ideal for networking applications including horizontal/backbone, 10 base T, 100 base T, Ethernet, and ATM. Tested up to 100MHz. Provides transmission speed of up to 100Mb/s. Solid bare copper conductors. Solid stranding. Nominal capacitance: 15pF/ft. except **mfg. part no. 1590A**, 14pF/ft. non-plenum versions feature polyolefin insulation, PVC jacket, 0.214" O.D. Plenum versions feature thermoplastic singles, ripcord and Flammarrest® jacket. Operating temperature: -20°C to +60°C. TIA/EIA 568-B.2 Category-5. UL listed, CSA certified. **Sold in spools of 1000'.**

#### 24 AWG, NON PLENUM, UNSHIELDED

Mfg. Part No.	Cat.	No. of Pairs	No. of Cond.	Nom. O.D.	Color	Stock No.	Price per Spool
● 1588A 0061000	5e	2	4	0.183"	Blue	20M4379	162.66
● 1588A F6H1000	5e	2	4	0.183"	Dark Gray	04F8273	162.66
● 1864A-1000-F2V	5	25	50	0.550"	Dark Gray	15B2132	1885.60
● 1864A 0061000	5	25	50	0.550"	Blue	95B5035	1885.60

#### 24 AWG, PLENUM, UNSHIELDED

● 1590A D151000	5e	2	4	0.175"	Blue	04F8274	272.88
● 1871A-1000-H8M	5	25	50	0.480"	Blue Tint	95B5036	4765.52
● 1871A-1000-H8N	5	25	50	0.480"	White Tint	95B5037	4765.52

(51789)

### CATEGORY 3 DATATWIST® UNSHIELDED TWISTED PAIR DATA CABLE



Solid strand. Semi-rigid polyvinyl chloride insulation except **mfg. part nos. 1245A2 and 1243A2**, low smoke polyvinyl chloride. Polyvinyl chloride jacket except **mfg. part nos. 1245A2 and 1243A2**, low smoke polyvinyl chloride. Nominal capacitance: 19pF/ft. **Sold in spools of 1000'.**

#### 24 AWG, SOLID, NON-PLENUM, NEC TYPE CM, CMR/MRP, CMX

Mfg. Part No.	Pairs	No. of Cond.	Nom. O.D.	Stock No.	Price per Spool
● 1227A1-U1000-8	2	4	0.170"	04F6069	120.41
● 1229A1-U1000-8	4	8	0.190"	16F6112	171.01
● 1232A1-1000-8	25	50	0.390"	16F6113	922.85

#### 24 AWG, SOLID, PLENUM, NEC TYPE CMP/MPP

● 1243A2-U1000-9	2	4	0.160"	04F6076	155.48
● 1245A2-U1000-9	4	8	0.190"	04F6078	217.77

(6090)

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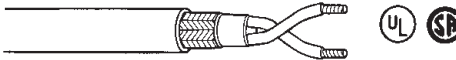
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CATEGORY/LAN CABLE • TRAY CABLE

**PLENUM-RATED LAN TWINAXIAL CABLE**



- Tinned copper braid shielded cable
- AWG (Strand): 20 (7 x 28)
- FEP insulation
- UL listed, CSA certified



Mfg. part no. 9108: -70°C to +200°C, 300V; mfg. part no. 9109: -55°C to +125°C, 30V. Sold in 1000' spools.

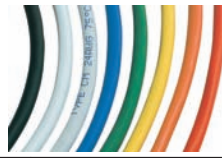
Mfg. Part No.	No. of Conductors	Nom. Cap. (pF/ft.)	Nom. O.D.	Ohms	Jacket	Stock No.	Price per Spool
● 9108 BL001	2 Tin Copper	18.4	0.198"	78	Blue FEP	04F6044	2599.98
● 9109 SL001	1 Copper, 1 Tin Copper	13.3	0.252"	100	Gray PVDF	04F6050	2520.51

(6125)

**CATEGORY 5 PATCH CORD BULK CABLE**



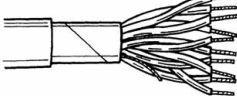
Constructed of stranded 24 AWG wire, 4 pair, twisted. Low attenuation and near-end crosstalk for 100MHz applications. ETL verified and EIA/TIA compliant. Impedance: 100 ±15 ohms. Wire jacket made of PVC, rated 75°C. 5.5mm O.D. Sold in rolls of 500'.



Mfg. Part No.	Color	Stock No.	Price per Roll	
			1-4	
● SPC19837	Black	84K8598		178.65
● SPC19838	Blue	84K8599		194.04
● SPC19839	Green	84K8600		127.09
● SPC19840	Orange	84K8601		194.04
● SPC19841	Red	84K8602		194.04
● SPC19842	Yellow	84K8603		194.04
● SPC19843	White	84K8604		178.65
● SPC19844	Gray	84K8605		178.65

(35479)

**MULTIPAIR FOIL-SHIELDED POWER-LIMITED TRAY CABLE**



Ideal for instrumentation systems applications. Stranded tinned copper conductors with aluminum/polyester foil shield and stranded tinned copper drain wire. PVC insulation, black and red pairs, numbered. Gray PVC jacket. Rating: 300V. Operating temperature: -20°C to +105°C. UL listed type CM/PLTC, CSA certified CMG FT4.

22 AWG, 7 x 0.0096 STRANDED, 0.043" JACKET THICKNESS

No. of Pairs	Nom. O.D. (in.)	Mfg. Part No.	500' Spool		1000' Spool		
			Stock No.	Price per Spool	Mfg. Part No.	Price per Spool	
2	0.263*	● 6417 SL002	66F8314	295.92	● 6417 SL001	66F8313	588.59
3	0.288	● 6418 SL002	66F8316	371.07	● 6418 SL001	66F8315	738.13
4	0.311	● 6419 SL002	66F8318	494.19	● 6419 SL001	06M3981	983.25
6	0.365	● 6420 SL002	66F8320	766.17	● 6420 SL001	66F8319	1523.96

22 AWG, 7 x 0.0096 STRANDED, 0.053" JACKET THICKNESS

9	0.441	● 6421 SL002	66F8322	1177.34	● 6421 SL001	66F8321	2342.96
11	0.474	● 6422 SL002	66F8324	1375.36	● 6422 SL001	66F8323	2737.20
15	0.537	● 6423 SL002	66F8326	1765.07	● 6423 SL001	66F8325	3512.52

22 AWG, 7 x 0.0096 STRANDED, 0.063" JACKET THICKNESS

19	0.584	● 6424 SL002	66F8328	2226.00	● 6424 SL001	66F8327	4430.10
27	0.688	● 6425 SL002	66F8330	3163.50	● 6425 SL001	66F8329	6292.46
51	0.901**	● 6426 SL002	66F8332	5737.05	● 6426 SL001	66F8331	11419.30

18 AWG, 19 x 30 STRANDED, 0.043" JACKET THICKNESS

2	0.362	● 6427 SL002	85K9921	595.51	● 6427 SL001	66F8333	1303.37
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18 AWG, 19 x 30 STRANDED, 0.053" JACKET THICKNESS

3	0.403	● 6428 SL002	66F8336	1041.48	● 6428 SL001	66F8335	2073.04
4	0.438	● 6429 SL002	66F8338	1249.67	● 6429 SL001	66F8337	2487.03
6	0.518	● 6430 SL002	66F8340	1896.91	● 6430 SL001	66F8339	3775.17

18 AWG, 19 x 30 STRANDED, 0.063" JACKET THICKNESS

9	0.622	● 6431 SL002	66F8342	2817.74	● 6431 SL001	66F8341	5608.12
11	0.671	● 6432 SL002	66F8344	3453.69	● 6432 SL001	66F8343	6873.95
15	0.751	● 6433 SL002	66F8346	4270.47	● 6433 SL001	66F8345	8499.64

\*0.038" jacket thickness; \*\*0.075" jacket thickness

(6200)

**UNSHIELDED POWER-LIMITED TRAY CABLE**



Ideal for industrial automation and process control applications. Features stranded tinned-copper conductors, color-coded PVC insulation and a chrome gray PVC jacket. Suitable as tray cable for Class II and III circuits. Specifications: UL listed Subject 13, 2250; IEEE 383 70,000 BTU Flame and Tray test; NEC Article 800, 727, 725; NEC listed Type PLTC/ITC/CM and PLTC/ITC/CL3; UL 1581 and CEC/CSA - (FT-4). Rated: 300V. Temperature: 105°C. UL listed, CSA certified. Sold in 100' and 500' spools.

Mfg. Part No.	No. of Cond.	AWG (Stranding)	Nom. O.D. (in.)	100' Spool		500' Spool	
				Stock No.	Price per Spool	Stock No.	Price per Spool
M39071	2	22 (7 x 30)	0.2	05R8831	42.42	05R8830	195.98
M39072	3	22 (7 x 30)	0.21	05R8833	51.85	05R8832	239.48
M39073	2	20 (19 x 32)	0.214	05R8835	62.28	05R8834	288.81
M39074	3	20 (19 x 32)	0.225	05R8837	66.89	05R8836	309.75
M39075	2	18 (19 x 30)	0.23	05R8839	78.27	05R8838	362.90
M39076	3	18 (19 x 30)	0.246	05R8841	93.95	05R8840	435.12
M39077	2	16 (19 x 29)	0.26	05R8843	97.16	05R8842	450.30
M39078	3	16 (19 x 29)	0.274	05R8845	109.61	05R8844	509.30
M39079	2	14 (41 x 30)	0.324	05R8847	113.28	05R8846	526.34
M39080	3	14 (41 x 30)	0.342	05R8849	128.94	05R8848	598.36

(6272)

**600V INSTRUMENTATION TRAY CABLE**



These 600V tray cable feature PVC-nylon insulation, Beldfoil<sup>®</sup> aluminum foil/polyester tape shield (100% coverage) and industrial-grade sunlight- and oil-resistant black PVC jacket.



**TWISTED PAIRS — TINNED COPPER CONDUCTORS, BLACK/RED**

AWG (Stranding)	Nom. O.D. (in.)	Mfg. Part No.	500' Spool		1000' Spool		
			Stock No.	Price per Spool	Mfg. Part No.	Price per Spool	
16 (19x29)	.296	● 9342 010500	03F6029	721.69	● 9342 0101000	03F6030	1369.57
14 (42x30)	.358	● 9343 010500	03F6032	960.96	● 9343-1000-10	03F6033	1823.64
12 (37x27)	.384	● 9344 010500	03F6011	1297.92	● 9344 0101000	03F6012	2463.09

**TWISTED PAIRS WITH GROUND — BARE COPPER CONDUCTORS, BLACK/WHITE/GREEN GROUND**  
Exposed run (ER) rated per NEC Article 336.

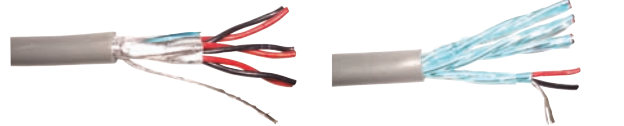
18 (7x26)	.340	...	...	...	● 3088AE 0101000	68K7427	390.12
16 (7x24)	.390	...	...	...	● 3090AE 0101000	05M3169	580.16

**TWISTED TRIADS — BARE COPPER CONDUCTORS, BLACK/RED/BLUE**

18 (7x26)	.282	● 1121A 010500	20M4361	243.94	● 1121A 0101000	66F7743	462.93
16 (7x24)	.310	● 1119A 010500	66F7746	365.91	● 1119A 0101000	66F7745	694.39

(6197)

**PAIRED SHIELDED PLTC AND ITC — UL SUBJECT 13 AND 2250**



Overall Shielded

Individually Shielded

Tinned copper stranded conductors, PVC insulated pairs, except mfg. part nos. 9328-9332, 9368, 9369 and 9388 which are twisted pairs. All with Beldfoil<sup>®</sup> shield and tinned copper drain wire. Chrome sun-resistant PVC jacket. Multi-pairs are numbered at one-inch intervals; conductor pairs are color-coded black and red. Meets UL Subject 13 (NEC Article 725 Type CL3) for use as tray cable; 300V, 105°C. NEC Article 800 Type CM for use as communication cable. Meets CSA, PCC and FAS90.

**OVERALL SHIELDED-AWG (STRANDING) 22 (7x30)**

No. of Pairs	Nom. O.D.	Mfg. Part No.	500' Spool		1000' Spool		
			Stock No.	Price per Spool	Mfg. Part No.	Price per Spool	
2	.310"	● 9512 060500	87K1897	307.83	● 9512 0601000	03F6101	584.17
3	.324"	● 9513 060500	03F6103	385.97	● 9513 0601000	87K1898	732.47
4	.351"	● 9514 060500	87K1899	514.98	● 9514 0601000	03F6107	977.29
19	.644"	● 9526 060500	03F6121	1906.35	● 9526 0601000	03F6122	3617.73

▶ CONTINUED ▶

# TRAY CABLE • UNINSULATED WIRE

## PAIRED SHIELDED PLTC AND ITC — UL SUBJECT 13 AND 2250 (CONT.)

### OVERALL SHIELDED-AWG (STRANDING) 18 (19x30)

No. of Pairs	Nom. O.D.	Mfg. Part No.	500' Spool		Mfg. Part No.	1000' Spool	
			Stock No.	Price per Spool		Stock No.	Price per Spool
2	.368"	● 9552 060500	<b>02F4329</b>	649.44	● 9552 0601000	<b>02F6112</b>	1232.46
3	.411"	● 9553 060500	<b>87K1902</b>	882.39	● 9553-1000-60	<b>03F6131</b>	1813.29
4	.447"	● 9554 060500	<b>03F6133</b>	1151.75	● 9554-1000-60	<b>03F6134</b>	2185.70
6	.497"	● 9556 060500	<b>03F5975</b>	1771.18	● 9556 0601000	<b>87K1903</b>	3361.21
9	.579"	● 9559 060500	<b>03F5978</b>	2617.12	● 9559 0601000	<b>29M7292</b>	4966.58

### INDIVIDUALLY SHIELDED-AWG (STRANDING) 22 (7x30)

No. of Pairs	Nom. O.D.	Mfg. Part No.	500' Spool		Mfg. Part No.	1000' Spool	
			Stock No.	Price per Spool		Stock No.	Price per Spool
2	.323"	● 9328 060500	<b>03F5987</b>	388.61	● 9328 0601000	<b>87K1870</b>	737.48
3	.341"	...	...	...	● 9329 0601000	<b>03F5991</b>	943.55
4	.372"	● 9330 060500	<b>03F5993</b>	592.57	● 9330 0601000	<b>03F5994</b>	1217.60
6	.457"	● 9331 060500	<b>03F5996</b>	997.57	● 9331 0601000	<b>03F5997</b>	1893.12
9	.530"	● 9332 060500	<b>03F5999</b>	1516.33	● 9332 0601000	<b>03F6000</b>	2877.58

### INDIVIDUALLY SHIELDED-AWG (STRANDING) 18 (19x30)

No. of Pairs	Nom. O.D.	Mfg. Part No.	500' Spool		Mfg. Part No.	1000' Spool	
			Stock No.	Price per Spool		Stock No.	Price per Spool
3	.423"	● 9369-500-60	<b>03F5957</b>	1027.58	● 9369 0601000	<b>06M4024</b>	1950.06
4	.461"	● 9388 060500	<b>87K1874</b>	1343.50	● 9388 0601000	<b>87K1873</b>	2549.59

(6041)

## PLTC AND ITC — UL SUBJECT 13 AND 2250 CABLE



9407

Stranded tinned copper conductors, PVC insulated, chrome PVC jacket. All are single pair or single triad. Cable can be used in race ways, supported by messenger wire, outdoor applications and direct burial. Industrial, automotive and process control cable. Can be installed in wet or dry locations. Shielded cable is recommended for RF applications requiring crosstalk-free, balanced operation. Tri-rated cable meets UL subject 13 and 2250, 300V, 150°C, 300V 80°C article 725 NEC, Class 2 and 3 req. Passes UL 1581 vertical wire flame test. All NEC type CMG.

### UNSHIELDED SINGLE PAIR

Mfg. Part No.	AWG (Stranding)	Nom. O.D.	500' Spool		1000' Spool	
			Stock No.	Price per Spool	Stock No.	Price per Spool
● 9407	22 (7 x 30)	0.198"	<b>03F6034</b>	136.65	<b>03F6035</b>	280.73
● 9408	20 (19 x 32)	0.214"	<b>87K1879</b>	222.82	<b>87K1878</b>	422.85
● 9409	18 (19 x 30)	0.230"	<b>87K1880</b>	249.48	<b>87K6356</b>	473.45
● 9410	16 (19 x 29)	0.254"	<b>03F6043</b>	329.65	<b>03F6044</b>	625.59
● 1035A	16 (7 x 24)	0.254"	...	...	<b>04F6149</b>	345.69
● 9411	14 (42 x 30)	0.322"	<b>87K1881</b>	507.94	<b>03F6047</b>	963.93
● 9412	12 (65 x 30)	0.370"	<b>03F6049</b>	588.97	<b>03F6050</b>	1210.25

### UNSHIELDED SINGLE TRIAD

● 9491	22 (7 X 30)	0.207"	<b>03F6070</b>	185.07	<b>03F6071</b>	351.21
● 9492	20 (19 X 32)	0.225"	<b>03F6073</b>	241.46	<b>03F6074</b>	496.16
● 9493	18 (19 X 30)	0.242"	<b>03F6076</b>	345.67	<b>06M4026</b>	655.98
● 9494	16 (19 X 29)	0.268"	<b>03F6079</b>	516.21	<b>03F6080</b>	979.63

### OVERALL SHIELDED SINGLE PAIR

● 9322	22 (7 X 30)	0.201"	<b>03F6052</b>	182.34	<b>03F6053</b>	320.22
● 9320	20 (19 x 32)	0.217"	<b>03F6055</b>	233.02	<b>03F6056</b>	478.79
● 9318	18 (19 x 30)	0.233"	<b>03F6058</b>	316.98	<b>87K2832</b>	556.66
● 9316	16 (19 x 29)	0.256"	<b>87K6354</b>	369.25	<b>03F6062</b>	700.74

### OVERALL SHIELDED SINGLE TRIAD

● 9463	22 (7 x 30)	0.243"	<b>70B5512</b>	312.49	<b>03F5678</b>	593.02
● 9464	20 (29 x 32)	0.241"	<b>03F6088</b>	360.80	<b>03F6089</b>	684.70
● 9365	18 (19 x 30)	0.245"	<b>87K6355</b>	483.30	<b>03F6092</b>	917.17
● 9366	16 (19 x 30)	0.270"	<b>03F6094</b>	606.76	<b>03F6095</b>	1151.47

(60175)

## POLY-THERMALEZE® HIGH-TEMPERATURE MAGNET WIRE



Dual polyester film coated magnet wire, rated 180°C. Exceptional ability to resist chemical solvents and abuse in intricate windings. Meets J-W-1177/14 specifications. Sold in spool sizes indicated in table below.



Mfg. Part No.	AWG	Spool Size	Stock No.	Price per Spool
● 8073	14	80'	<b>87K2704</b>	57.14
● 8074	16	126'	<b>87K2705</b>	60.19
● 8075	18	199'	<b>36F769</b>	61.94
● 8076	20	315'	<b>36F770</b>	62.81

➤ CONTINUED ➤

## POLY-THERMALEZE® HIGH-TEMPERATURE MAGNET WIRE (CONT.)

Mfg. Part No.	AWG	Spool Size	Stock No.	Price per Spool
● 8077	22	501'	<b>36F771</b>	62.81
● 8078	24	793'	<b>87K2706</b>	65.42
● 8079	26	1260'	<b>36F773</b>	68.48
● 8080	28	1990'	<b>36F774</b>	73.28
● 8081	30	3140'	<b>36F775</b>	84.61
● 8083	34	7860'	<b>36F777</b>	105.98
● 8085	38	19300'	<b>36F779</b>	154.83

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## BELDSOL MAGNET WIRE

Just Added



Beldsol is a dual insulated magnet wire, combining excellent dielectric characteristics of polyurethane with the toughness and solvent resistant of a nylon overcoat. Rated by IEEE tests for 270°F usage and is solderable without insulation removal at 750°F. Single bare copper conductor, solid stranding. Meets J-W-1177/9 military specification, rated: Class 130, Type SUN, Single. Sold in approximate spool lengths listed in table below.

Mfg. Part No.	AWG	Approx. Spool Length (ft.)	Stock No.	Price per Spool
● 8049	18	100	<b>36F1312</b>	37.08
● 8050	20	160	<b>36F1313</b>	37.08
● 8051	22	254	<b>36F1314</b>	37.08
● 8052	24	404	<b>36F1315</b>	37.95
● 8053	26	645	<b>36F1316</b>	38.82
● 8054	28	1020	<b>77M9199</b>	46.81
● 8055	30	1615	<b>36F1318</b>	48.79
● 8056	32	2515	<b>36F1319</b>	48.42
● 8057	34	4060	<b>36F1320</b>	51.03
● 8058	36	6400	<b>06M4000</b>	57.57

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## SHIELDING/BONDING BRAID

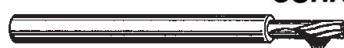


Tinned copper braided wire provides approximately 90% shield coverage when applied over recommended diameter. Conforms to QQ-B-575B specifications. (\*) Flat width. Sold in 50' and 250' spools.

Mfg. Part No.	Tubular I.D.	AWG	Strand-ing	Circular Mil Area	50' Spool		250' Spool	
					Stock No.	Price per Spool	Stock No.	Price per Spool
● 8660	0.12500"	14.3	96x34	3800	<b>02F4314</b>	68.43	<b>02F4315</b>	285.61
● 8668	0.17188"	13.3	120x34	4800	<b>02F4320</b>	87.19	<b>02F4321</b>	296.02
● 8663	0.21875"	11.9	168x34	6700	<b>02F4324</b>	110.13	<b>88K2220</b>	429.93
● 8661	0.20313"	11.3	192x34	7600	<b>02F4316</b>	101.97	<b>87K7263</b>	421.20
● 8669	0.50000"	8.9	336x34	13,300	<b>87K7264</b>	207.45	<b>02F4323</b>	842.57
● 8662	0.78125"	6.6	576x34	22,900	<b>87K6335</b>	288.48	<b>02F4319</b>	1208.98
● 8670	0.75000"*	3.4	480x30	48,000	<b>87K7265</b>	524.46	<b>02F4312</b>	1979.44

(6165)

## CAROLPRENE® 600V, CLASS K ARC WELDING CABLE



- Secondary Voltage Resistance Welding Leads
- Power Supply Applications Not Exceeding 600VAC

Features single 30 AWG fully annealed stranded bare copper conductor insulated in a Carolprene® jacket. Temperature range: -40°C to +90°C. Color: black. Sold in 250' spools. Also available in 500' spools; go online or call.

Mfg. Part No.	AWG	Nom. O.D.	250' Spool	
			Stock No.	Price per Spool
● 01773-35-01	2/0	0.620"	<b>05F1453</b>	1955.77
● 01774-35-01	1/0	0.565"	<b>05F1450</b>	1603.53
● 01776-35-01	2	0.470"	<b>05F1400</b>	978.39
● 01777-35-01	4	0.400"	<b>05F1397</b>	632.51

(6296)

FIBER-OPTIC CABLE

**FREEDM® LST™ ALL-DIELECTRIC GEL-FREE CABLE**

Corning Cable Systems

**Transmission Performance:**

- Performance option code: 30: 62.5/125µm, (850/1300nm)
- Maximum attenuation: 3.5dB/1.0km
- Minimum LED bandwidth: 200MHz/500km
- Gigabit Ethernet distance guarantee: 300/550m



FREEDM® LST™ all-dielectric gel-free fiber-optic cable is flame-retardant, riser-rated, UV-resistant and fully water-blocked for indoor/outdoor use. Suitable for installation in aerial duct and riser applications. Compact design, all-dielectric construction requires no grounding or bonding. Color-coded fibers and buffer tubes for easy identification during installation. Higher fiber count constructions and single-mode fiber also available; *go online or call. Sold per foot.*

**SPECIFICATIONS**

Fiber Count	Nominal kg/km (lb/1000 ft.)	Nominal Diameter mm (in.)	Maximum Tensile Loads		Minimum Bend Radius	
			Short-Term N (lbf)	Long-Term N (lbf)	Loaded cm (in.)	Installed cm (in.)
12-2	55 (37)	8 (0.31)	1330 (300)	400 (90)	12(4.9)	8 (3.1)
13-24	72 (48)	11.2 (0.44)	2700 (600)	810 (180)	16.8 (6.6)	11.2 (4.4)

Mfg. Part No.	No. of Fibers	Stock No.	Price per Foot
002KSF-T4130D20	2	29K7810	0.92
004KSF-T4130D20	4	02M5756	1.48
006KSF-T4130D20	6	68K1288	1.73
012KSF-T4130D20	12	73J7442	3.33
024KSF-T4130D20	24	61J0756	5.54

(64677)

**ALTOS® ALL-DIELECTRIC GEL-FREE CABLE**

Corning Cable Systems

**Transmission Performance:**

- Performance option code: 30: 62.5/125µm (850/1300nm)
- Maximum attenuation: 3.5dB/1.0km
- Minimum LED bandwidth: 200MHz/500km
- Gigabit Ethernet distance guarantee: 300/550m



ALTOS® all-dielectric gel-free fiber-optic cable is designed for outdoor and limited indoor use. This loose tube cable is water-blocked to prevent water penetration that could lead to fiber damage. Medium-density, black polyethylene jacket is rugged, durable yet easy to strip. All dielectric construction requires no bonding or grounding. Higher fiber count constructions and single-mode fiber also available; *go online or call. Sold per foot.*

**SPECIFICATIONS**

Fiber Count	Maximum Fibers Per Tube	Number of Tubes Positions	Nominal Weight kg/km (lb./1000 ft.)	Nominal Outer Diameter mm (in.)	Minimum Bend Radius	
					Loaded cm (in.)	Installed cm (in.)
2-60	12	5	78 (52)	11.3 (0.44)	17 (6.7)	11.3 (4.4)

Mfg. Part No.	No. of Fibers	Stock No.	Price per Foot
002KW4-T4130D20	2	56J9371	0.90
004KW4-T4130D20	4	48J6399	1.26
006KW4-T4130D20	6	74K0373	1.64
012KW4-T4130D20	12	42J8431	2.82
018KW4-T4130D20	18	83J8949	4.10
024KW4-T4130D20	24	42J8427	5.10

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**MIC® (2-24 FIBER) PLENUM CABLE**

Corning Cable Systems

**Transmission Performance**

- Performance option code: 30: 62.5/125µm (850/1300nm)
- Maximum attenuation: 3.5dB/1.0km
- Typical attenuation: 3.0dB/1.0km
- Minimum LED bandwidth: 200MHz/500km
- Gigabit Ethernet distance guarantee: 300/550m



OFNP MIC® cable utilizes 900µm TBI® buffered fibers surrounded by aramid yarn strength members with an improved, more flexible flame-retardant outer jacket. Also available in single mode; *go online or call. Sold per foot.*

**SPECIFICATIONS**

Fiber Count	Nominal Weight kg/km (lb/1000 ft.)	Nominal Outer Diameter mm (in.)	Maximum Tensile Loads		Minimum Bend Radius	
			Short-Term N (lbf)	Long-Term N (lbf)	Loaded cm (in.)	Installed cm (in.)
2	21 (15)	5 (0.2)	440 (99)	132 (30)	7.5 (3)	5 (2)
4	25 (17)	5.3 (0.21)	440 (99)	132 (30)	8 (3.2)	5.3 (2.1)
6	27 (19)	5.3 (0.21)	440 (99)	132 (30)	8 (3.2)	5.3 (2.1)
8	35 (25)	5.9 (0.23)	440 (99)	132 (30)	8.9 (3.5)	5.9 (2.3)
12	37 (26)	6.1 (0.24)	440 (99)	132 (30)	9.2 (3.6)	6.1 (2.4)
18	56 (40)	7.4 (0.29)	660 (148)	198 (45)	11.1 (4.4)	7.4 (2.9)
24	64 (45)	7.8 (0.31)	660 (148)	198 (45)	11.7 (4.6)	7.8 (3.1)

Mfg. Part No.	No. of Fibers	Stock No.	Price per Foot
002K88-31130-29	2	19C8269	0.69
004K88-31130-29	4	19C8271	1.04
006K88-31130-29	6	19C8272	1.42
012K88-33130-29	12	19C8274	1.77
024K88-33130-29	24	19C8275	5.98

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**MIC® (2-24 FIBER) RISER CABLE**

Corning Cable Systems

**Transmission Performance**

- Performance option code: 30: 62.5/125µm (850/1300nm)
- Maximum attenuation: 3.5dB/1.0km
- Typical attenuation: 3.0dB/1.0km
- Minimum LED bandwidth: 200MHz/500km
- Gigabit Ethernet distance guarantee: 300/550m



OFNR MIC® is multifiber cable utilizing 900µm tight-buffered fibers surrounded by dielectric strength members and a flame-retardant outer jacket. Higher fiber count constructions and single-mode fiber also available; *go online or call. Sold per foot.*

**SPECIFICATIONS**

Fiber Count	Nominal Weight kg/km (lb/1000 ft.)	Nominal Outer Diameter mm (in.)	Maximum Tensile Loads		Minimum Bend Radius	
			Short-Term N (lbf)	Long-Term N (lbf)	Loaded cm (in.)	Installed cm (in.)
2	18 (12)	4.7 (0.19)	660 (148)	198 (45)	7.1 (2.8)	4.7 (1.9)
4	21 (14)	4.8 (0.19)	660 (148)	198 (45)	7.2 (2.8)	4.8 (1.9)
6	26 (17)	5.5 (0.22)	660 (148)	198 (45)	8.3 (3.3)	5.5 (2.2)
8	32 (21)	6 (0.24)	660 (148)	198 (45)	9 (3.6)	6 (2.4)
12	33 (23)	6.3 (0.25)	660 (148)	198 (45)	9.5 (3.7)	6.3 (2.5)
18	49 (33)	7.4 (0.29)	1320 (297)	396 (89)	11.1 (4.4)	7.4 (2.9)
24	56 (39)	8 (0.31)	1320 (297)	396 (89)	12 (4.7)	8 (3.2)

Mfg. Part No.	No. of Fibers	Stock No.	Price per Foot
002K81-31130-24	2	19C8263	0.59
004K81-31130-24	4	19C8261	1.96
006K81-31130-24	6	19C8264	0.91
012K81-33130-24	12	19C8265	1.08
018K81-33130-24	18	19C8267	4.12
024K81-33130-24	24	19C8268	4.81

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