

Unshielded

Audio, Control and Instrumentation Cables

Non-Plenum

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Color Code	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD	
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm

22 AWG Solid Bare Copper Conductors • Conductors Cabled**Polyethylene Insulation • Rose Gray PVC Jacket**

	8795	NEC: CM CEC: CM	2	Red, Green	U-500	U-152.4	10.0	4.5	.018	.46	.022	.56	.168	4.27
					U-1000	U-304.8	19.0	8.6						
					1000	304.8	17.0	7.8						
	8794	NEC: CM	3	Green, Red, Yellow	U-1000	U-304.8	22.0	10.0	.018	.46	.022	.56	.178	4.52
					1000	304.8	21.0	9.6						
	9794	NEC: MP, CM	4	Green, Red, Yellow, Black	U-500	U-152.4	14.0	6.4	.018	.46	.025	.64	.200	5.08
					U-1000	U-304.8	26.0	11.8						
					1000	304.8	25.0	11.4						
	1242A	NEC: CM CEC: CM	4	Green, Red, Yellow, Black	U-1000	U-304.8	16.0	7.2	.018	.46	.025	.64	.154	3.91
					1000	304.8	16.0	7.2						

22 AWG Stranded (7x30) Tinned Copper Conductors • Conductors Cabled**PVC Insulation • Chrome PVC Jacket**

	8442*	NEC: CMG CEC: CMG FT4	2	Black, Red	100	30.5	2.4	1.1	.015	.38	.025	.64	.170	4.32
					U-500	U-152.4	8.0	3.7						
					500	152.4	7.5	3.4						
					U-1000	U-304.8	15.0	6.8						
					1000	304.8	15.0	6.8						
	8443	NEC: CMG CEC: CMG FT4	3	Black, Red, Green	100	30.5	2.7	1.2	.010	.25	.032	.81	.172	4.37
					U-500	U-152.4	9.5	4.3						
					500	152.4	9.5	4.3						
					U-1000	U-304.8	18.0	8.2						
					1000	304.8	18.0	8.2						
	8444	NEC: CMG CEC: CMG FT4	4	See Chart 1 (Tech Info Section)	100	30.5	3.1	1.4	.010	.25	.032	.81	.185	4.70
					U-500	U-152.4	11.5	5.2						
					500	152.4	11.5	5.2						
					U-1000	U-304.8	22.0	10.0						
					1000	304.8	23.0	10.5						
	8445	NEC: CMG CEC: CMG FT4	5	See Chart 1 (Tech Info Section)	100	30.5	3.5	1.6	.010	.25	.032	.81	.194	4.93
					U-500	U-152.4	13.5	6.1						
					500	152.4	13.5	6.1						
					U-1000	U-304.8	25.0	11.4						
					1000	304.8	26.0	11.8						
	9430	NEC: CMG CEC: CMG FT4	7	See Chart 1 (Tech Info Section)	U-500	U-152.4	17.0	7.7	.010	.25	.032	.81	.214	5.44
					500	152.4	17.0	7.7						
					U-1000	U-304.8	32.0	14.5						
					1000	304.8	34.0	15.9						
					1000	304.8	34.0	15.9						
	9421	NEC: CMG CEC: CMG FT4	8	See Chart 1 (Tech Info Section)	U-500	U-152.4	4.2	1.9	.010	.25	.032	.81	.229	5.82
					500	152.4	19.0	8.7						
					500	152.4	18.5	8.4						
					U-1000	U-304.8	36.0	16.3						
					1000	304.8	38.0	17.2						
	9423	NEC: CMG CEC: CMG FT4	9	See Chart 1 (Tech Info Section)	100	30.5	4.7	2.1	.010	.25	.032	.81	.244	6.20
					U-500	U-152.4	21.0	9.6						
					500	152.4	21.5	9.8						
					U-1000	U-304.8	41.0	18.6						
					1000	304.8	43.0	19.5						
	8456	NEC: CMG CEC: CMG FT4	10	See Chart 1 (Tech Info Section)	100	30.5	5.0	2.3	.010	.25	.032	.81	.264	6.71
					U-500	U-152.4	22.5	10.2						
					500	152.4	23.0	10.5						
					U-1000	U-304.8	44.0	20.0						
					1000	304.8	46.0	20.9						

*Final put-up may vary -10% to +20%. May contain two pieces, minimum length of any one piece is 1500 ft.

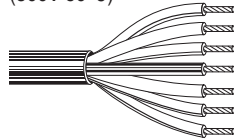
Unshielded

Audio, Control and Instrumentation Cables

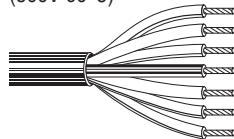
Non-Plenum

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Color Code	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD	
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm

20 AWG Stranded (7x28) Tinned Copper Conductors • Conductors Cabled**PVC Insulation • Chrome PVC Jacket**

UL AWM Style 2464 (300V 80°C) 	9444	NEC:	4	See Chart 1 (Tech Info Section)	100	30.5	4.0	1.8	.013	.33	.032	.81	.217	5.51
		CMG			U-500	U-152.4	16.5	7.5						
		CEC:			500	152.4	16.5	7.5						
		CMG FT4			U-1000	U-304.8	32.0	14.5						
					1000	304.8	33.0	15.0						
	9445	NEC:	5	See Chart 1 (Tech Info Section)	100	30.5	4.4	2.1	.013	.33	.032	.81	.239	6.07
		CMG			U-500	U-152.4	20.0	9.1						
		CEC:			500	152.4	19.5	8.9						
		CMG FT4			U-1000	U-304.8	38.0	17.2						
					1000	304.8	40.0	18.2						
	9439	NEC:	7	See Chart 1 (Tech Info Section)	100	30.5	5.7	2.6	.013	.33	.032	.81	.260	6.60
		CMG			U-500	U-152.4	26.0	11.9						
		CEC:			500	152.4	27.0	12.3						
		CMG FT4			U-1000	U-304.8	51.0	23.1						
					1000	304.8	53.0	24.1						
	9455	NEC:	9	See Chart 1 (Tech Info Section)	100	30.5	7.1	3.2	.013	.33	.035	.89	.317	8.05
		CMG			500	152.4	35.0	15.9						
		CEC:			1000	304.8	67.0	30.4						
		CMG FT4												
	9457	NEC:	12	See Chart 1 (Tech Info Section)	100	30.5	9.2	4.2	.013	.33	.035	.89	.338	8.58
		CMG			500	152.4	45.0	20.4						
		CEC:			1000	304.8	88.0	40.0						
		CMG FT4												
	9458	NEC:	15	See Chart 2R (Tech Info Section)	100	30.5	12.6	5.7	.013	.33	.040	1.02	.389	9.88
		CMG			500	152.4	60.5	27.5						
		CEC:			1000	304.8	118.0	53.6						
		CMG FT4												

18 AWG Stranded (19x30) Tinned Copper Conductors • Conductors Cabled**PVC Insulation • Chrome PVC Jacket**

UL AWM Style 2598 (300V 60°C) 	8489	NEC:	4	See Chart 1 (Tech Info Section)	100	30.5	5.1	2.3	.017	.43	.032	.81	.257	6.53
		CMG			250	76.2	12.0	5.4						
		CEC:			U-500	U-152.4	23.5	10.7						
		CMG FT4			500	152.4	24.0	10.9						
					U-1000	U-304.8	46.0	20.9						
	8465	NEC:	5	See Chart 1 (Tech Info Section)	100	30.5	6.4	2.9	.017	.43	.033	.84	.282	7.16
		CMG			U-500	U-152.4	29.5	13.5						
		CEC:			500	152.4	30.0	13.6						
		CMG FT4			U-1000	U-304.8	58.0	26.3						
					1000	304.8	60.0	27.4						
	8467	NEC:	7	See Chart 1 (Tech Info Section)	100	30.5	8.3	3.8	.017	.43	.037	.94	.314	7.98
		CMG			250	76.2	20.0	9.1						
		CEC:			500	152.4	40.5	18.4						
		CMG FT4			1000	304.8	79.0	35.9						
	8469	NEC:	9	See Chart 1 (Tech Info Section)	100	30.5	10.5	4.8	.017	.43	.037	.94	.364	9.25
		CMG			250	76.2	26.0	11.8						
		CEC:			500	152.4	51.5	23.4						
		CMG FT4			1000	304.8	105.0	47.7						
	8466	NEC:	12	See Chart 2R (Tech Info Section)	100	30.5	13.2	6.0	.017	.43	.040	1.02	.412	10.46
		CMG			250	76.2	32.5	14.8						
		CEC:			500	152.4	66.0	30.0						
		CMG FT4			1000	304.8	131.0	59.5						
	8468	NEC:	15	See Chart 2R (Tech Info Section)	100	30.5	17.9	8.1	.017	.43	.045	1.14	.500	12.70
		CMG			500	152.4	89.5	40.6						
		CEC:			1000	304.8	175.0	79.5						
		CMG FT4												

For Plenum versions of 8489, see 88489 or 82489.

Overall Beldfoil® Shield

Audio, Control and Instrumentation Cables

Plenum-Rated and Non-Plenum

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Color Code	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD		Nominal Capacitance			
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm	* pF/ Ft.	* pF/ m	** pF/ Ft.	** pF/ m

18 AWG Stranded (16x30) TC Conductors • Conductors Cabled • Overall Beldfoil Shield (100% Coverage) • 20 AWG Stranded TC Drain Wire**Polyethylene Insulation • Chrome PVC Jacket**

UL AWM Style 2093 (300V 60°C)	8770	NEC: CM CEC: CM	3	Black, Red, Clear	U-500 500 U-1000 1000 10000††	U-152.4 152.4 U-304.8 304.8 3048.0	20.0 20.5 38.0 40.0 430.0	9.1 9.3 17.2 18.2 195.5	.018 .46	.033 .84	.246 6.25	24 79	48 157
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Shorting Fold

For Plenum version of 8770,
see 8770.**18 AWG** Stranded (19x30) TC Conductors • Conductors Cabled • Overall Beldfoil Shield (100% Coverage) • 20 AWG Stranded TC Drain Wire**Semi-rigid PVC Insulation • Chrome PVC Jacket**

UL AWM Style 2464 (300V 80°C)	9418	NEC: CMG CEC: CMG FT4	4	Red, Green, Black, White	100 U-500 500 U-1000 1000 10000††	30.5 U-152.4 152.4 U-304.8 304.8 3048.0	5.6 18.0 24.5 35.0 52.0 510.0	2.6 8.2 11.1 16.0 23.7 231.3	.010 .25	.035 .89	.245 6.22	70 230	120 394
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Z-Fold®

For Plenum versions of 9418,
see 89418 or 82418.**Plenum • FEP Insulation • Red FEP Jacket**

(-70°C to +200°C)	88770	NEC: CMP CEC: CMP FT6	3	Black, White, Red	500 1000	152.4 304.8	16.0 32.0	7.3 14.6	.007 .18	.014 .36	.161 4.09	54 177	96 315
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Suitable for Outdoor and Direct Burial applications. Chemical Resistance: Gasoline and Oil.

(-70°C to +200°C)	89418	NEC: CMP CEC: CMP FT6	4	Black, White, Red, Green	100 500† 1000†	30.5 152.4 304.8	5.5 18.0 36.0	2.5 8.2 16.4	.007 .18	.014 .36	.177 4.50	30 98	57 187
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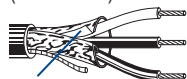
Suitable for Outdoor and Direct Burial applications. Chemical Resistance: Gasoline and Oil.

Plenum • FEP Insulation • Natural Flamarrest® Jacket

(-70°C to +200°C)	82418	NEC: CMP CEC: CMP FT6	4	Black, White, Red, Green	U-1000▲ 1000†	U-304.8 304.8	36.0 38.0	16.4 17.2	.007 .18	.014 .36	.176 4.47	30 98	63 207
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**16 AWG** Stranded (19x29) TC Conductors • Conductors Cabled • Overall Beldfoil Shield (100% Coverage) • 18 AWG Stranded TC Drain Wire**Polyethylene Insulation • Chrome PVC Jacket**

UL AWM Style 2107 (300V 60°C)	8618	NEC: CL3	3	Black, Red, Clear	U-500 500 1000	U-152.4 152.4 304.8	31.0 32.5 66.0	14.1 14.8 30.1	.031 .79	.031 .79	.327 8.3	26 85	50 164
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Z-Fold®

TC = Tinned Copper

* Capacitance between conductors.

** Capacitance between one conductor and other conductors connected to shield.

† Spools and/or UnReel® cartons are one piece, but length may vary ±10% for spools and ±5% for UnReel from length shown.

†† Final put-up may vary -10% to +20%. May contain 2 pieces. Min. length 1500 ft.

▲ Final put-up may vary 0 to -10%.

Plenum-Rated

Unshielded

Audio, Control and Instrumentation Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Color Code	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD	
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm

22 AWG Stranded (7x30) Tinned Copper Conductors • Twisted Pairs

Plenum • FEP Insulation • Red FEP Jacket

	300V RMS	88442	NEC: CMP CEC: CMP FT6	1	Black & Red	100	30.5	2.3	1.0	.006	.15	.012	.30	.102	2.59
						500†	152.4	5.5	2.5						
						1000†	304.8	8.0	3.6						
	300V RMS	88741	NEC: CMP CEC: CMP FT6	2	Black & Red, Black & White	500†	152.4	8.0	3.6	.006	.15	.012	.30	.169	4.29
						1000†	304.8	16.0	7.3						
	300V RMS	88757	NEC: CMP CEC: CMP FT6	4	Black & Red, Black & White, Black & Green, Black & Blue	500†	152.4	14.0	6.4	.006	.15	.012	.30	.200	5.08
						1000†	304.8	28.0	12.7						

Plenum • FEP Insulation • Natural Flamarrest® Jacket

	300V RMS	82442	NEC: CMP CEC: CMP FT6	1	Black & Red	U-1000†	U-304.8	9.0	4.1	.006	.15	.014	.36	.112	2.84
						1000†	304.8	8.0	3.6						
	300V RMS	82741	NEC: CMP CEC: CMP FT6	2	Black & Red, Black & White	U-1000†	U-304.8	18.0	8.2	.006	.15	.014	.36	.179	4.55
						1000†	304.8	20.0	9.1						
	300V RMS	82742	NEC: CMP CEC: CMP FT6	3	Black & Red, Black & White, Black & Green	U-1000†	U-304.8	24.0	10.9	.006	.15	.014	.36	.191	4.85
						1000†	304.8	26.0	11.8						
	300V RMS	82757	NEC: CMP CEC: CMP FT6	4	Black & Red, Black & White, Black & Green, Black & Blue	1000	304.8	32.0	14.5	.006	.15	.014	.36	.210	5.33
	300V RMS	82743	NEC: CMP CEC: CMP FT6	6	Black & Red, Black & White, Black & Green, Black & Blue, Black & Yellow, Black & Brown	U-1000	U-304.8	44.0	20.0	.006	.15	.015	.38	.238	6.05
						1000	304.8	46.0	20.9						

18 AWG Stranded (19x30) Tinned Copper Conductors • Twisted Pair

Plenum • FEP Insulation • Red FEP Jacket

	300V RMS	89740	NEC: CMP CEC: CMP FT6	1	Black & Red	100	30.5	3.0	1.4	.006	.15	.009	.23	.136	3.45
						500†	152.4	9.0	4.1						
						1000†	304.8	15.0	6.8						

Plenum • FEP Insulation • Red Fluorocopolymer Jacket

	300V RMS	87740	NEC: CMP CEC: CMP FT6	1	Black & Red	500†	152.4	9.0	4.1	.006	.15	.011	.28	.140	3.56
						1000†	304.8	17.0	7.7						

Plenum • FEP Insulation • Natural Flamarrest Jacket

	300V RMS	82740	NEC: CMP CEC: CMP FT6	1	Black & Red	U-1000	U-304.8	17.0	7.7	.006	.15	.015	.38	.147	3.73
						1000	304.8	16.0	7.3						

†Spools and/or UnReel® cartons are one piece, but length may vary ±10% for spools and ±5% for UnReel from length shown.

Plenum-Rated

Overall Beldfoil® Shield

Computer Cables for EIA RS-232 Applications

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Color Code	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD		Nominal Capacitance			
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm	* pF/ Ft.	* pF/ m	** pF/ Ft.	** pF/ m
24 AWG Stranded (7x32) Tinned Copper Conductors • Twisted Pairs • Overall Beldfoil Shield (100% Coverage) • 24 AWG Stranded TC Drain Wire																		
Plenum • FEP Insulation • Red FEP Jacket																		
	300V RMS	88641	NEC: CMP CEC: CMP FT6	1	Black & Red	100 500† 1000†	30.5 152.4 304.8	2.4 6.0 9.0	1.1 2.7 4.1	.006 .15 .15	.014 .36 .36	.106 2.69 2.69	31 102 102	59 194 194				
		89503	NEC: CMP CEC: CMP FT6	3	Black & White, Black & Red, Black & Green	100 500† 1000†	30.5 152.4 304.8	4.0 10.5 21.0	1.8 4.8 9.5	.006 .15 .15	.014 .36 .36	.175 4.45 4.45	21 69 69	40 131 131				
		89504	NEC: CMP CEC: CMP FT6	4	Black & White, Black & Red, Black & Green, Black & Blue	500† 1000†	152.4 304.8	13.0 29.0	5.9 13.2	.006 .15	.014 .36	.192 4.88	21 69	40 131				
		89505	NEC: CMP CEC: CMP FT6	5	Black & White, Black & Red, Black & Green, Black & Blue, Black & Yellow	100 1000†	30.5 304.8	4.9 33.0	2.2 15.0	.006 .15	.014 .36	.197 5.00	21 69	40 131				
Plenum • FEP Insulation • Natural Flamarrest® Jacket																		
	300V RMS	82641	NEC: CMP CEC: CMP FT6	1	Black & Red	U-1000 1000	U-304.8 304.8	9.0 8.0	4.1 3.6	.006 .15	.014 .36	.106 2.69	31 102	59 194				
		82502	NEC: CMP CEC: CMP FT6	2	Black & White, Black & Red	U-500 U-1000 1000	U-152.4 U-304.8 304.8	8.0 16.0 14.0	3.6 7.3 6.4	.006 .15	.014 .36	.162 4.11	25 82	45 148				
		82503	NEC: CMP CEC: CMP FT6	3	Black & White, Black & Red, Black & Green	U-1000 1000	U-304.8 304.8	19.0 18.0	8.6 8.2	.006 .15	.014 .36	.169 4.29	25 82	45 148				
		82504	NEC: CMP CEC: CMP FT6	4	Black & White, Black & Red, Black & Green, Black & Blue	U-1000 1000	U-304.8 304.8	24.0 26.0	10.9 11.8	.006 .15	.014 .36	.193 4.90	25 82	45 148				
		82505	NEC: CMP CEC: CMP FT6	5	See Chart 3 (Tech Info Section)	U-1000 1000	U-304.8 304.8	29.0 31.0	13.2 14.0	.006 .15	.015 .38	.196 4.98	25 82	45 148				
		82506	NEC: CMP CEC: CMP FT6	6	See Chart 3 (Tech Info Section)	U-500 U-1000 1000	U-152.4 U-304.8 304.8	17.5 34.0 35.0	8.0 15.5 15.9	.006 .15	.015 .38	.209 5.31	25 82	45 148				
		82509	NEC: CMP CEC: CMP FT6	9	See Chart 3 (Tech Info Section)	1000	304.8	49.0	22.3	.006 .15	.015 .38	.246 6.25	23 75	42 138				
		82512	NEC: CMP CEC: CMP FT6	12.5 (12 pairs + 1 single)	See Chart 3 (Tech Info Section)	1000	304.8	60.0	27.3	.006 .15	.015 .38	.278 7.06	23 75	42 138				

TC = Tinned Copper

*Capacitance between conductors.

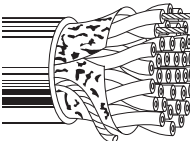
**Capacitance between one conductor and other conductors connected to shield.

† Spools and/or UnReel® cartons are one piece, but length may vary ±10% for spools and ±5% for UnReel from length shown.

Plenum-Rated

Overall Beldfoil® Shield

Low-Capacitance Computer Cables for EIA RS-232 and EIA RS-422 Applications

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Color Code	Standard Lengths		Standard Unit Weight		Nom. DCR		Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nom. Capacitance			
					Ft.	m	Lbs.	kg	Cond.	Shield	Inch	mm			* pF/ Ft.	* pF/ m	** pF/ Ft.	** pF/ m
24 AWG Stranded (7x32) Tinned Copper Conductors • Twisted Pairs • Overall Beldfoil Shield (100% Coverage) • 24 AWG Stranded TC Drain Wire																		
Plenum • Foam FEP Insulation • Gray Fluorocopolymer Jacket																		
	300V RMS	88102	NEC: CMP CEC: CMP FT6	2 (Tech Info Section)	See Chart 5	500 1000	152.4 304.8	10.0 20.0	4.5 9.1	24.0Ω/M' 78.7Ω/km	15.5Ω/M' 50.9Ω/km	.203 5.16	100	78%	12.95	42.5	23.3	76.4
		88103	NEC: CMP CEC: CMP FT6	3 (Tech Info Section)	See Chart 5	500 1000	152.4 304.8	13.5 31.0	6.1 14.1	24.0Ω/M' 78.7Ω/km	15.5Ω/M' 50.9Ω/km	.239 6.07	100	78%	12.95	42.5	23.3	76.4
		88104	NEC: CMP CEC: CMP FT6	4 (Tech Info Section)	See Chart 5	500 1000	152.4 304.8	17.0 38.0	7.7 17.3	24.0Ω/M' 78.7Ω/km	14.0Ω/M' 45.9Ω/km	.259 6.58	100	78%	12.95	42.5	23.3	76.4
		88105	NEC: CMP CEC: CMP FT6	5 (Tech Info Section)	See Chart 5	500 1000	152.4 304.8	23.5 44.0	10.7 20.0	24.0Ω/M' 78.7Ω/km	14.0Ω/M' 45.9Ω/km	.267 6.78	100	78%	12.95	42.5	23.3	76.4
		88106	NEC: CMP CEC: CMP FT6	6 (Tech Info Section)	See Chart 5	500 1000	152.4 304.8	26.5 50.0	12.0 22.7	24.0Ω/M' 78.7Ω/km	14.0Ω/M' 45.9Ω/km	.293 7.44	100	78%	12.95	42.5	23.3	76.4
		88107	NEC: CMP CEC: CMP FT6	7.5 (7 pairs + 1 single) (Tech Info Section)	See Chart 5	500 1000	152.4 304.8	31.0 59.0	14.1 26.8	24.0Ω/M' 78.7Ω/km	14.0Ω/M' 45.9Ω/km	.293 7.44	100	78%	12.95	42.5	23.3	76.4
		88109	NEC: CMP CEC: CMP FT6	9 (Tech Info Section)	See Chart 5	500 1000	152.4 304.8	36.5 74.0	16.6 33.6	24.0Ω/M' 78.7Ω/km	13.0Ω/M' 42.7Ω/km	.352 8.94	100	78%	12.95	42.5	23.3	76.4
		88112	NEC: CMP CEC: CMP FT6	12.5 (12 pairs + 1 single) (Tech Info Section)	See Chart 5	500 1000	152.4 304.8	48.0 97.0	21.8 44.1	24.0Ω/M' 78.7Ω/km	11.8Ω/M' 38.7Ω/km	.397 10.08	100	78%	12.95	42.5	23.3	76.4
		88118	NEC: CMP CEC: CMP FT6	18.5 (18 pairs + 1 single) (Tech Info Section)	See Chart 5	500 1000	152.4 304.8	71.0 148.0	32.2 67.3	24.0Ω/M' 78.7Ω/km	11.0Ω/M' 36.1Ω/km	.482 12.24	100	78%	12.95	42.5	23.3	76.4
		88125	NEC: CMP CEC: CMP FT6	25 (Tech Info Section)	See Chart 5	500 [†] 1000 [†]	152.4 304.8	98.0 195.0	44.5 88.6	24.0Ω/M' 78.7Ω/km	9.6Ω/M' 31.5Ω/km	.581 14.76	100	78%	12.95	42.5	23.3	76.4

DCR = DC Resistance • TC = Tinned Copper

*Capacitance between conductors.

**Capacitance between one conductor and other conductors connected to shield.

† Spools are one piece, but length may vary ±10% from length shown.

Plenum-Rated

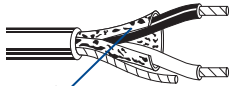
Overall Beldfoil® Shield

Audio, Control and Instrumentation Cables

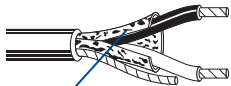
Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Color Code	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD		Nominal Capacitance			
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm	* pF/ Ft.	* pF/ m	** pF/ Ft.	** pF/ m

22 AWG Stranded (7x30) Tinned Copper Conductors • Twisted Pair • Overall Beldfoil Shield (100% Coverage) • 22 AWG Stranded TC Drain Wire

Plenum • FEP Insulation • Red FEP Jacket

300V RMS  Z-Fold®	88761	NEC:	1	Black, Red	100	30.5	2.7	1.2	.006	.15	.014	.36	.119	3.02	35	115	67	220
		CMP			U-500	U-152.4	7.5	3.4										
		CEC:			500	152.4	7.5	3.4										
		CMP FT6			U-1000	U-304.8	15.0	6.8										
					1000	304.8	12.0	5.5										

Plenum • FEP Insulation • Red Fluorocopolymer Jacket

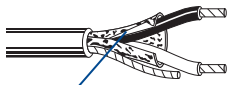
300V RMS  Z-Fold®	87761	NEC:	1	Black, Red	500	152.4	7.0	3.2	.006	.15	.014	.36	.116	2.95	35	115	67	220
		CMP			1000	304.8	11.0	5.0										
		CEC:																
		CMP FT6																

Plenum • FEP Insulation • Natural Flamarrest® Jacket

300V RMS  Z-Fold®	82761	NEC:	1	Black, Red	U-500	U-152.4	7.0	3.2	.006	.15	.014	.36	.116	2.95	35	115	67	220
		CMP			U-1000	U-304.8	14.0	6.4										
		CEC:			1000	304.8	11.0	5.0										
		CMP FT6																

18 AWG Stranded (19x30) Tinned Copper Conductors • Twisted Pair • Overall Beldfoil Shield (100% Coverage) • 20 AWG Stranded TC Drain Wire

Plenum • FEP Insulation • Red FEP Jacket

300V RMS  Z-Fold®	88760	NEC:	1	Black, Red	100	30.5	3.7	1.7	.007	.18	.014	.36	.150	3.81	51	167	97	318
		CMP			U-500	U-152.4	12.5	5.7										
		CEC:			500	152.4	11.0	5.0										
		CMP FT6			U-1000	U-304.8	24.0	10.9										
					1000	304.8	22.0	10.0										

Plenum • FEP Insulation • Red Fluorocopolymer Jacket

300V RMS  Z-Fold®	87760	NEC:	1	Black, Red	U-500	U-152.4	12.5	5.7	.007	.18	.014	.36	.150	3.81	51	167	97	318
		CMP			500	152.4	10.5	4.8										
		CEC:			1000	304.8	21.0	9.5										
		CMP FT6																

Plenum • FEP Insulation • Natural Flamarrest Jacket

300V RMS  Z-Fold®	82760	NEC:	1	Black, Red	U-500	U-152.4	12.0	5.5	.007	.18	.014	.36	.150	3.81	51	167	97	318
		CMP			U-1000	U-304.8	22.0	10.0										
		CEC:			1000	304.8	21.0	9.5										
		CMP FT6																

TC = Tinned Copper

*Capacitance between conductors.

**Capacitance between one conductor and other conductors connected to shield.

Plenum-Rated

Overall Foil/Braid Shield

Low-Capacitance Computer and Computer P.O.S. Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Color Code	Standard Lengths		Standard Unit Weight		Nom. DCR		Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nom. Capacitance			
					Ft.	m	Lbs.	kg	Cond.	Shield	Inch	mm			* pF/ Ft.	* pF/ m	** pF/ Ft.	** pF/ m

Low Cap 24 AWG Stranded (7x32) TC Conductors • Twisted Pairs • Overall Beldfoil® (100% Coverage) + TC Braid Shield (90% Cov.) • Drain Wire

Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket

	300V RMS	82841	NEC: CMP CEC: CMP FT6	1	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	13.0 26.0	6.0 11.8	24.0Ω/M' 78.7Ω/km	3.1Ω/M' 10.2Ω/km	.204 5.18	120	76%	12	39.4	22	72.2
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	300V RMS	82842	NEC: CMP CEC: CMP FT6	2	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	19.0 42.0	8.6 19.1	24.0Ω/M' 78.7Ω/km	2.4Ω/M' 7.9Ω/km	.273 6.93	120	76%	12	39.4	22	72.2
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Plenum • Foam FEP Insulation • Red FEP Jacket

	300V RMS	89841	NEC: CMP CEC: CMP FT6	1	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	13.5 27.0	6.1 12.3	24.0Ω/M' 78.7Ω/km	3.1Ω/M' 10.2Ω/km	.202 5.13	120	76%	12	39.4	22	72.2
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	300V RMS	89842 new	NEC: CMP CEC: CMP FT6	2	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	25.5 49.0	11.6 22.2	24.0Ω/M' 78.7Ω/km	3.1Ω/M' 10.2Ω/km	.305 7.75	120	76%	12	39.4	22	72.2
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22 AWG Solid TC Conductors • Twisted Pairs • Overall Beldfoil (100% Coverage) + TC Braid Shield (90% Coverage) • 22 AWG TC Drain Wire

Plenum • Solid FEP Insulation • Black FEP Jacket

	300V RMS	1269A	NEC: MPP, CMP CEC: MPP, CMP FT6	2	Red & Blue, Black & Yellow	1000	304.8	48.0	21.8	16.5Ω/M' 54.1Ω/km	2.1Ω/M' 6.9Ω/km	.240 6.10	100	69.5%	15.5	50.9	27	88.6
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22 AWG Solid TC Conductors • Twisted Pairs • Overall Beldfoil (100% Coverage) + TC Braid Shield (55% Cov.) + Polyester Tape • 22 AWG Drain Wire

Plenum • Solid FEP Insulation • Black FEP Jacket

	300V RMS	89855	NEC: MPP, CMP CEC: MPP, CMP FT6	2	1 Pair: Red & Blue 1 Pair: Black & Yellow	500 1000	152.4 304.8	22.5 42.0	10.2 19.1	16.5Ω/M' 54.1Ω/km	4.9Ω/M' 16.1Ω/km	.272 6.91	100	69.5%	15.5	50.9	27	88.6
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22 AWG Solid BC Conductors • Twisted Pairs • Overall Beldfoil (100% Coverage) + TC Braid Shield (55% Coverage) • 22 AWG Solid TC Drain Wire

Plenum • Solid FEP Insulation • Black FEP Jacket

	300V RMS	89696	NEC: MPP, CMP CEC: MPP, CMP FT6	2	1 Pair: Blue & White with Blue Stripe 1 Pair: Orange & White with Orange Stripe	500 1000	152.4 304.8	25.0 46.0	11.4 20.9	16.5Ω/M' 54.1Ω/km	4.2Ω/M' 13.8Ω/km	.262 6.65	100	69.5%	15.5	50.9	27	88.6
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BC = Bare Copper • DCR = DC Resistance • TC = Tinned Copper

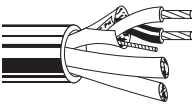
*Capacitance between conductors.

**Capacitance between one conductor and other conductors connected to shield.

Plenum-Rated

Individually Shielded Pairs

Low-Capacitance Computer Cables for EIA RS-232, EIA RS-422, and Digital Audio Applications

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Color Code	Standard Lengths		Standard Unit Weight		Nom. DCR		Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nom. Capacitance			
					Ft.	m	Lbs.	kg	Cond.	Shield	Inch	mm			* pF/ Ft.	* pF/ m	** pF/ Ft.	** pF/ m
24 AWG Stranded (7x32) TC Conductors • Twisted Pairs • Individually Shielded w/Beldfoil® (100% Coverage) • 24 AWG Stranded TC Drain Wire																		
Plenum • Foam FEP Insulation • Gray Fluorocopolymer Jacket																		
	89729	NEC: CMP CEC: CMP FT6	2	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	17.0 31.0	7.7 14.1	23.3Ω/M' 76.4Ω/km	14.4Ω/M' 47.2Ω/km	.261 6.63	100	76%	13.5	44	22.5	73.8	
	89730	NEC: CMP CEC: CMP FT6	3	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	21.5 40.0	9.8 18.2	23.3Ω/M' 76.4Ω/km	14.4Ω/M' 47.2Ω/km	.278 7.06	100	76%	13.5	44	22.5	73.8	
	89728	NEC: CMP CEC: CMP FT6	4	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	26.5 50.0	12.0 22.7	23.3Ω/M' 76.4Ω/km	14.4Ω/M' 47.2Ω/km	.307 7.80	100	76%	13.5	44	22.5	73.8	
	89705	NEC: CMP CEC: CMP FT6	5	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	30.5 62.0	13.9 28.2	23.3Ω/M' 76.4Ω/km	14.4Ω/M' 47.2Ω/km	.333 8.50	100	76%	13.5	44	22.5	73.8	
	89731	NEC: CMP CEC: CMP FT6	6	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	35.0 71.0	15.9 32.3	23.3Ω/M' 76.4Ω/km	14.4Ω/M' 47.2Ω/km	.361 9.17	100	76%	13.5	44	22.5	73.8	
	89757	NEC: CMP CEC: CMP FT6	7	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	39.5 80.0	18.0 36.4	23.3Ω/M' 76.4Ω/km	14.4Ω/M' 47.2Ω/km	.361 9.17	100	76%	13.5	44	22.5	73.8	
	89732	NEC: CMP CEC: CMP FT6	9	See Chart 5 (Tech Info Section)	1000	304.8	108.0	49.2	23.3Ω/M' 76.4Ω/km	14.4Ω/M' 47.2Ω/km	.433 10.90	100	76%	13.5	44	22.5	73.8	
	89734	NEC: CMP CEC: CMP FT6	12	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	71.0 140.0	32.3 63.6	23.3Ω/M' 76.4Ω/km	14.4Ω/M' 47.2Ω/km	.498 12.65	100	76%	13.5	44	22.5	73.8	
	89758	NEC: CMP CEC: CMP FT6	18	See Chart 5 (Tech Info Section)	500 1000	152.4 304.8	100.5 204.0	45.7 92.7	23.3Ω/M' 76.4Ω/km	14.4Ω/M' 47.2Ω/km	.616 15.65	100	76%	13.5	44	22.5	73.8	
Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket																		
	82729	NEC: CMP CEC: CMP FT6	2	See Chart 5 (Tech Info Section)	U-1000 1000	U-304.8 304.8	26.0 28.0	11.8 12.7	23.3Ω/M' 76.4Ω/km	14.4Ω/M' 47.2Ω/km	.255 6.48	100	76%	13.5	44	22.5	73.8	

DCR = DC Resistance • TC = Tinned Copper

*Capacitance between conductors.

**Capacitance between one conductor and other conductors connected to shield.

Plenum-Rated

Individually Shielded Pairs

Audio, Control and Instrumentation Cables

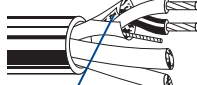
Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Color Code	Standard Lengths		Standard Unit Weight		Nom. DCR		Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nom. Capacitance			
					ft.	m	Lbs.	kg	Cond.	Shield	Inch	mm			* pF/ ft.	* pF/ m	** pF/ ft.	** pF/ m

22 AWG Stranded (7x30) TC Conductors • Twisted Pairs • Individually Shielded Beldfoil® (100% Coverage) • 22 AWG Stranded TC Drain Wire††

Plenum • FEP Insulation • Natural Flamarrest® Jacket

300V RMS  Z-Fold®	82723	NEC:	2	Red & Black, Green & White	U-500	U-152.4	10.5	4.8	14.7Ω/M'	16.6Ω/M'	.153	3.89	36	62%	43	141	75	246
		CMP			U-1000	U-304.8	20.0	9.1	48.2Ω/km	54.5Ω/km								
		CEC:			1000	304.8	19.0	8.6										
		CMP FT6			U-2000	U-609.6	40.0	18.2										

††82723 has 24 AWG drain wire
Pairs cabled on common axis to reduce diameter.

300V RMS  Z-Fold®	82777	NEC:	3	See Chart 3 (Tech Info Section)	U-500	U-152.4	19.5	8.9	14.7Ω/M'	11.3Ω/M'	.237	6.02	46	62%	35	115	76	249
		CMP			U-1000	U-304.8	38.0	17.3	48.2Ω/km	37.1Ω/km								
		CEC:			1000	304.8	39.0	17.7										
		CMP FT6																

82778	NEC:	6	See Chart 3 (Tech Info Section)	1000	304.8	71.0	32.2	14.7Ω/M'	11.3Ω/M'	.314	7.98	46	62%	35	115	76	249
	CMP							48.2Ω/km	37.1Ω/km								
	CEC:																
	CMP FT6																

Plenum • FEP Insulation • Red FEP Jacket

300V RMS  Z-Fold®	88723	NEC:	2	Red & Black, Green & White	100	30.5	3.4	1.5	14.7Ω/M'	16.6Ω/M'	.148	3.76	40	69%	35	115	67	220
		CMP			500	152.4	11.0	5.0	48.2Ω/km	54.5Ω/km								
		CEC:			1000	304.8	19.0	8.6										
		CMP FT6																

††88723 has 24 AWG drain wire

300V RMS  Z-Fold®	88777	NEC:	3	See Chart 3 (Tech Info Section)	100	30.5	6.0	2.7	14.7Ω/M'	11.3Ω/M'	.234	5.94	50	69%	31	102	67	220
		CMP			500	152.4	19.0	8.6	48.2Ω/km	37.1Ω/km								
		CEC:			1000	304.8	42.0	19.1										
		CMP FT6																

88778	NEC:	6	See Chart 3 (Tech Info Section)	100	30.5	7.0	3.2	14.7Ω/M'	11.3Ω/M'	.309	7.85	50	69%	31	102	67	220
	CMP			500	152.4	38.5	17.5	48.2Ω/km	37.1Ω/km								
	CEC:			1000	304.8	75.0	34.1										
	CMP FT6																

Pairs cabled on common axis to reduce diameter.

Plenum • FEP Insulation • Red Fluorocopolymer Jacket

300V RMS  Z-Fold®	87723	NEC:	2	Red & Black, Green & White	500	152.4	11.0	5.0	14.7Ω/M'	15.0Ω/M'	.148	3.76	40	69%	35	115	67	220
		CMP			1000	304.8	18.0	8.2	48.2Ω/km	49.2Ω/km								
		CEC:																
		CMP FT6																

††87723 has 24 AWG drain wire.

300V RMS  Z-Fold®	87777	NEC:	3	See Chart 3 (Tech Info Section)	500	152.4	18.0	8.2	14.7Ω/M'	11.3Ω/M'	.234	5.94	50	69%	31	102	67	220
		CMP			1000	304.8	40.0	18.2	48.2Ω/km	37.1Ω/km								
		CEC:																
		CMP FT6																

87778	NEC:	6	See Chart 3 (Tech Info Section)	500	152.4	37.5	17.0	14.7Ω/M'	11.3Ω/M'	.309	7.85	50	69%	31	102	67	220
	CMP			1000	304.8	73.0	33.2	48.2Ω/km	37.1Ω/km								
	CEC:																
	CMP FT6																

Pairs cabled on common axis to reduce diameter.

DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • TC = Tinned Copper

*Capacitance between conductors.

**Capacitance between one conductor and other conductors connected to shield.