Unshielded

Audio, Control and Instrumentation Cables
Plenum-Rated and Non-Plenum

Description	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths ft.	Standard Lengths m	Standard Unit Weight lbs.	Standard Unit Weight kg	Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD inch	Nominal Insulation OD mm	Shielding Material Nom. DCR	Nominal OD inch	Nominal OD mm	Color Code
22 AWG • Stranded (7x30) 0.8 mm Tinned Copper • Conductors Cabled													
PVC Insulation • Chrome PVC Jacket													
150V 80°C UL AWM Style 2576		NEC: CMG CEC: CMG FT4					0.76 mm 22 AWG (7x30) TC	0.060	1.52	Unshielded			
													
	8442	2 CDR*	100 U-500 500 U-1000 1000 † 10000	31 U-152 152 U-305 305 3048	2.4 8.2 7.5 15.0 15.0 150.4	1.1 3.7 3.4 6.8 6.8 68.2					0.170	4.32	Black, Red
	For Plenum version of 8442, see 88442 or 82442.												
	8443	3 CDR	100 U-500 500 U-1000 1000	31 U-152 152 U-305 305	2.6 9.5 9.5 18.1 18.1	1.2 4.3 4.3 8.2 8.2					0.172	4.37	Black, Red, Green
	8444	4 CDR	100 U-500 500 U-1000 1000	31 U-152 152 U-305 305	3.1 11.5 11.5 22.0 23.1	1.4 5.2 5.2 10.0 10.5					0.185	4.70	see chart 1 (Tech Info Section)
	For Plenum version of 8444, see 88444 or 82444.												
	8445	5 CDR	100 U-500 500 U-1000 1000	31 U-152 152 U-305 305	3.5 13.4 13.4 25.1 26.0	1.6 6.1 6.1 11.4 11.8					0.194	4.93	see chart 1 (Tech Info Section)
	9430	7 CDR	U-500 500 U-1000 1000	U-152 152 U-305 305	17.0 17.0 32.0 35.1	7.7 7.7 14.5 15.9					0.214	5.44	see chart 1 (Tech Info Section)
	9421	8 CDR	100 U-500 500 U-1000 1000	31 U-152 152 U-305 305	4.2 19.2 18.5 35.9 37.9	1.9 8.7 8.4 16.3 17.2					0.229	5.82	see chart 1 (Tech Info Section)
	9423	9 CDR	100 U-500 500 U-1000 1000	31 U-152 152 U-305 305	4.6 21.2 21.6 41.0 43.0	2.1 9.6 9.8 18.6 19.5					0.244	6.20	see chart 1 (Tech Info Section)
	8456	10 CDR	100 U-500 500 U-1000 1000	31 U-152 152 U-305 305	5.1 22.5 23.1 44.1 46.1	2.3 10.2 10.5 20.0 20.9					0.264	6.71	see chart 1 (Tech Info Section)
18 AWG • Stranded (19x30) 1.2 mm Tinned Copper • Conductors Cabled													
Plenum • FEP Insulation • Natural Flamarrest® Jacket													
Non-conduit	**82489**	NEC: CMP CEC: CMP FT6	† U-1000 † 1000	U-305 305	31.1 29.1	14.1 13.2	1.24 mm 18 AWG (19x30) TC	0.063	1.60	Unshielded	0.170	4.32	Black, White, Red, Green
													
4-Conductor													

TC = Tinned Copper • DCR = DC resistance
† Spools and/or UnReel® cartons are one piece, but length may vary ±10% for spools and ±5% for UnReel® from length shown.
* Twisted Pair

Unshielded

Duplex Primary Wire

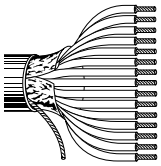
Description	Part No.	UL NEC / C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	
Duplex Primary Wire Stranded Bare Copper • Conductors Parallel													
PVC Insulation • Chrome PVC Jacket													
300V RMS 75°C VW-1										Unshielded			Brown, Red
													
	8677	2 CDR	500	152	18.5	8.4	1.47 mm 16 AWG (19x29) BC	0.106	2.69		0.149 x 0.254	3.78 x 6.45	
	8675	2 CDR	500	152	23.6	10.7	1.85 mm 14 AWG (19x27) BC	0.119	3.01		0.168 x 0.290	4.27 x 7.37	
	8673	2 CDR	500	152	32.6	14.8	2.36 mm 12 AWG (19x25) BC	0.145	3.68		0.186 x 0.328	4.72 x 8.33	
	8678	2 CDR	500	152	50.9	23.1	2.9 mm 10 AWG (19x23) BC	0.176	4.48		0.225 x 0.400	5.72 x 10.16	

BC = Bare Copper • DCR = DC resistance

Overall Beldfoil® Shield

Computer Cables for EIA RS-232 Applications

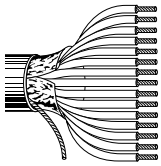
Description	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths ft.	Standard Lengths m	Standard Unit Weight lbs.	Standard Unit Weight kg	Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD inch	Nominal Insulation OD mm	Shielding Material Nom. DCR	Nominal OD inch	Nominal OD mm	Nom. Vel. of Prop.	Nominal Capacitance	Nominal Capacitance pF/ft.	Nominal Capacitance pF/m	Color Code
24 AWG • Stranded (7x32) 0.6 mm Tinned Copper • Conductors Cabled • Overall **Beldfoil®** Shield • 24 AWG Tinned Copper Drain Wire																	
Semi-Rigid PVC Insulation • Chrome PVC Jacket																	
300V 80°C UL AWM Style 2464		NEC: CMG CEC: CMG FT4					0.61 mm 24 AWG (7x32) TC	0.044	1.11	Overall Beldfoil® + Drain Wire (24 AWG TC)			–				see chart 1 (Tech Info Section)
	9533	3 CDR	100 U-500 500 U-1000 1000	31 U-152 152 U-305 305	2.6 9.5 9.0 18.1 18.1	1.2 4.3 4.1 8.2 8.2					0.162	4.11		CDR/CDR CDR/SCR	33 65	108 213	
	9534	4 CDR	100 U-500 500 U-1000 1000	31 U-152 152 U-305 305	3.1 11.0 11.5 20.9 22.0	1.4 5.0 5.2 9.5 10.0					0.184	4.67		CDR/CDR CDR/SCR	33 65	108 213	
	9535	5 CDR	100 U-500 500 U-1000 1000	31 U-152 152 U-305 305	3.3 11.9 11.0 22.9 22.0	1.5 5.4 5.0 10.4 10.0					0.189	4.80		CDR/CDR CDR/SCR	33 65	108 213	
	9536	6 CDR	100 U-500 500 U-1000 1000	31 U-152 152 U-305 305	3.5 14.6 12.6 27.1 29.1	1.6 6.6 5.7 12.3 13.2					0.209	5.31		CDR/CDR CDR/SCR	33 65	108 213	
	9537	7 CDR	100 U-500 500 U-1000 1000	31 U-152 152 U-305 305	3.7 15.0 13.7 29.1 30.2	1.7 6.8 6.2 13.2 13.7					0.209	5.31		CDR/CDR CDR/SCR	33 65	108 213	
	9538	8 CDR	100 U-500 500 U-1000 1000	31 U-152 152 U-305 305	3.7 17.0 15.0 32.2 34.0	1.7 7.7 6.8 14.6 15.4					0.224	5.69		CDR/CDR CDR/SCR	33 65	108 213	
	9539	9 CDR	100 U-500 500 U-1000 1000	31 U-152 152 U-305 305	4.2 20.1 17.2 37.3 38.1	1.9 9.1 7.8 16.9 17.3					0.244	6.20		CDR/CDR CDR/SCR	30 55	98 180	
	9540	10 CDR	100 U-500 500 U-1000 1000	31 U-152 152 U-305 305	4.4 19.6 18.1 37.9 36.2	2.0 8.9 8.2 17.2 16.4					0.244	6.20		CDR/CDR CDR/SCR	30 55	98 180	



TC = Tinned Copper • DCR = DC resistance • SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors

Overall Beldfoil® Shield

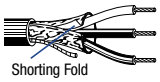
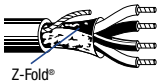
Computer Cables for EIA RS-232 Applications

Description	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths ft.	Standard Lengths m	Standard Unit Weight lbs.	Standard Unit Weight kg	Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD inch	Nominal Insulation OD mm	Shielding Material Nom. DCR	Nominal OD inch	Nominal OD mm	Nom. Vel. of Prop.	Nominal Capacitance	Nominal Capacitance pF/ft.	Nominal Capacitance pF/m	Color Code
24 AWG • Stranded (7x32) 0.6 mm TC • Conductors Cabled • Overall **Beldfoil®** Shield • 24 AWG Tinned Copper Drain Wire *(continued)*																	
Semi-Rigid PVC Insulation • Chrome PVC Jacket																	
300V 80°C UL AWM Style 2464		NEC: CMG CEC: CMG FT4					0.61 mm 24 AWG (7x32) TC	0.044	1.11	Overall Beldfoil® + Drain Wire (24 AWG TC)			–				see chart 2R (Tech Info Section)
																	
9541	15 CDR	100 U-500 500 U-1000 1000	31 U-152 152 U-305 305	6.0 27.6 28.0 54.0 56.0	2.7 12.5 12.7 24.5 25.4					0.284	7.21		CDR/CDR CDR/SCR	30 55	98 180	
9542	20 CDR	100 U-500 500 1000	31 U-152 152 305	7.3 34.0 35.5 69.0	3.3 15.4 16.1 31.3					0.314	7.98		CDR/CDR CDR/SCR	30 55	98 180	
9543	25 CDR	100 500 1000	31 152 305	8.8 44.1 86.0	4.0 20.0 39.0					0.339	8.61		CDR/CDR CDR/SCR	30 55	98 180	
9544	30 CDR	100 500 1000	31 152 305	10.4 51.6 102.1	4.7 23.4 46.3					0.380	9.65		CDR/CDR CDR/SCR	30 55	98 180	
9545	40 CDR	100 500 1000	31 152 305	13.4 65.0 130.1	6.1 29.5 59.0					0.430	10.92		CDR/CDR CDR/SCR	30 55	98 180	
9546	50 CDR	100 500 1000	31 152 305	16.3 81.6 168.2	7.4 37.0 76.3					0.490	12.45		CDR/CDR CDR/SCR	30 55	98 180	

TC = Tinned Copper • DCR = DC resistance • SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors

Overall Beldfoil® Shield

Audio, Control and Instrumentation Cables

Description	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths ft.	Standard Lengths m	Standard Unit Weight lbs.	Standard Unit Weight kg	Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD inch	Nominal Insulation OD mm	Shielding Material Nom. DCR	Nominal OD inch	Nominal OD mm	Nom. Vel. of Prop.	Nominal Capacitance	Nominal Capacitance pF/ft.	Nominal Capacitance pF/m	Color Code
20 AWG • Stranded (7x28) 1.0 mm Tinned Copper • Conductors Cabled • Overall **Beldfoil®** Shield • 20 AWG Tinned Copper Drain Wire																	
Polyethylene Insulation • Chrome PVC Jacket																	
300V 60°C UL AWM Style 2093	**8772**	NEC: CM CEC: CM	U-500 500 U-1000 1000	U-152 152 U-305 305	16.1 16.1 31.1 32.0	7.3 7.3 14.1 14.5	0.96 mm 20 AWG (7x28) TC	0.070	1.78	Overall Beldfoil® + Drain Wire (20 AWG TC)	0.218	5.54	–	CDR/CDR CDR/SCR	27 51	89 167	Black, Red, Clear
 Z-Fold®																	
3 CDR																	
18 AWG • Stranded (16x30) 1.2 mm Tinned Copper • Conductors Cabled • Overall **Beldfoil®** Shield • 20 AWG Tinned Copper Drain Wire																	
Polyethylene Insulation • Chrome PVC Jacket																	
300V 60°C UL AWM Style 2093	**8770**	NEC: CM CEC: CM †† 10000	U-500 500 U-1000 1000	U-152 152 U-305 305 3048	20.1 20.5 37.9 40.1 431.0	9.1 9.3 17.2 18.2 195.5	1.20 mm 18 AWG (16x30) TC	0.083	2.12	Overall Beldfoil® + Drain Wire (20 AWG TC)	0.246	6.25	–	CDR/CDR CDR/SCR	24 48	79 157	Black, Red, Clear
 Shorting Fold																	
For Plenum version of 8770, see 88770.																	
3 CDR																	
18 AWG • Stranded (19x30) 1.2 mm Tinned Copper • Conductors Cabled • Overall **Beldfoil®** Shield • 20 AWG Tinned Copper Drain Wire																	
Semi-Rigid PVC Insulation • Chrome PVC Jacket																	
300V 80°C UL AWM Style 2464	**9418**	NEC: CMG CEC: CMG FT4	100 U-500 500 U-1000 1000 †† 10000	31 U-152 152 U-305 305 3048	5.7 18.1 24.5 35.3 52.2 509.9	2.6 8.2 11.1 16.0 23.7 231.3	1.24 mm 18 AWG (19x30) TC	0.069	1.74	Overall Beldfoil® + Drain Wire (20 AWG TC)	0.245	6.22	–	CDR/CDR CDR/SCR	70 120	230 394	Red, Green, Black, White
 Z-Fold®																	
For Plenum versions of 9418, see 89418 or 82418.																	
4 CDR																	

TC = Tinned Copper • DCR = DC resistance • SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors
†† Final put-up may vary -10% to +20%. May contain 2 pieces. Min. length 460 m.

Overall Foil/Braid Shield

Computer Cables for EIA RS-232 Applications

Description	Part No.	UL NEC/C(UL)CEC Type IEC	Standard Lengths ft.	Standard Lengths m	Standard Unit Weight lbs.	Standard Unit Weight kg	Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD inch	Nominal Insulation OD mm	Shielding Material Nom. DCR	Nominal OD inch	Nominal OD mm	Nom. Vel. of Prop.	Nominal Capacitance	Nominal Capacitance pF/ft.	Nominal Capacitance pF/m	Color Code
24 AWG • Stranded Conductors (7x32) 0.6 mm Tinned Copper • Overall **Beldfoil®** Shield + 65 % Tinned Copper Braid																	
Semi-Rigid PVC Insulation • Chrome PVC Jacket																	
300V 80°C UL AWM Style 2464		NEC: CMG CEC: CMG FT4					0.61 mm 24 AWG (7x32) TC	0.044	1.12	Overall Beldfoil® + Overall 65 % TC Braid			–				
 Z-Fold®																	
	9608	3 CDR	100 500 1000	31 152 305	3.1 11.9 22.9	1.4 5.4 10.4					0.190	4.83		CDR/CDR CDR/SCR	35 65	115 213	see chart 1 (Tech Info Section)
	9609	4 CDR	100 500 1000	31 152 305	3.5 13.4 26.0	1.6 6.1 11.8					0.200	5.08		CDR/CDR CDR/SCR	35 65	115 213	see chart 1 (Tech Info Section)
	9610	5 CDR	100 500 1000	31 152 305	4.0 16.1 32.0	1.8 7.3 14.5					0.215	5.46		CDR/CDR CDR/SCR	35 65	115 213	see chart 1 (Tech Info Section)
	9611	6 CDR	100 500 1000	31 152 305	4.2 17.0 34.0	1.9 7.7 15.4					0.225	5.72		CDR/CDR CDR/SCR	30 55	98 180	see chart 1 (Tech Info Section)
	9612	7 CDR	100 500 1000	31 152 305	4.2 18.5 38.1	1.9 8.4 17.3					0.225	5.72		CDR/CDR CDR/SCR	30 55	98 180	see chart 1 (Tech Info Section)
	9613	8 CDR	100 500 1000	31 152 305	4.4 20.9 41.0	2.0 9.5 18.6					0.240	6.10		CDR/CDR CDR/SCR	30 55	88 180	see chart 1 (Tech Info Section)
	9614	9 CDR	100 500 1000	31 152 305	4.9 22.0 44.1	2.2 10.0 20.0					0.253	6.43		CDR/CDR CDR/SCR	30 55	98 180	see chart 1 (Tech Info Section)
	9615	10 CDR	100 500 1000	31 152 305	5.5 25.1 50.0	2.5 11.4 22.7					0.270	6.86		CDR/CDR CDR/SCR	30 55	98 180	see chart 1 (Tech Info Section)
	9616	15 CDR	100 500 1000	31 152 305	6.6 31.5 63.1	3.0 14.3 28.6					0.300	7.62		CDR/CDR CDR/SCR	30 55	98 180	see chart 2R (Tech Info Section)
	9617	25 CDR	100 500 1000	31 152 305	10.1 49.6 100.1	4.6 22.5 45.4					0.370	9.40		CDR/CDR CDR/SCR	30 55	98 180	see chart 2R (Tech Info Section)
	9618	37 CDR	100 500 1000	31 152 305	13.2 66.6 135.1	6.0 30.2 61.3					0.411	10.43		CDR/CDR CDR/SCR	30 55	98 180	see chart 2R (Tech Info Section)
	9619	50 CDR	100 500 1000	31 152 305	17.2 93.0 182.1	7.8 42.2 82.6					0.485	12.32		CDR/CDR CDR/SCR	30 55	98 180	see chart 2R (Tech Info Section)

TC = Tinned Copper • DCR = DC resistance • SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors

Overall Foil / Braid Shield

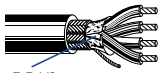
Computer Cables for EIA RS-232 Applications

Description	Part No.	UL NEC / C(UL)CEC Type IEC	Standard Lengths ft.	Standard Lengths m	Standard Unit Weight lbs.	Standard Unit Weight kg	Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD inch	Nominal Insulation OD mm	Shielding Material Nom. DCR	Nominal OD inch	Nominal OD mm	Nom. Vel. of Prop.	Nominal Capacitance	Nominal Capacitance pF/ft.	Nominal Capacitance pF/m	Color Code
22 AWG • Stranded Conductors (7x30) 0.8 mm Tinned Copper • Overall **Beldfoil®** Shield + 65 % Tinned Copper Braid																	
Semi-Rigid PVC Insulation • Chrome PVC Jacket																	
300V 80°C UL AWM Style 2464		NEC: CMG CEC: CMG FT4					0.76 mm 22 AWG (7x30) TC	0.051	1.30	Overall Beldfoil® + Overall 65 % TC Braid			–				
 Z-Fold®																	
9939	3 CDR	100 500 1000	31 152 305	3.5 12.1 24.0	1.6 5.5 10.9					0.202	5.13		CDR/CDR CDR/SCR	37 67	121 220	see chart 1 (Tech Info Section)
9940	4 CDR	100 500 1000	31 152 305	4.0 14.6 32.0	1.8 6.6 14.5					0.215	5.46		CDR/CDR CDR/SCR	37 67	121 220	see chart 1 (Tech Info Section)
9941	5 CDR	100 500 1000	31 152 305	4.0 16.1 38.1	1.8 7.3 17.3					0.230	5.84		CDR/CDR CDR/SCR	37 67	121 220	see chart 1 (Tech Info Section)
9942	6 CDR	100 500 1000	31 152 305	4.6 22.0 43.0	2.1 10.0 19.5					0.245	6.22		CDR/CDR CDR/SCR	35 63	115 207	see chart 1 (Tech Info Section)
9943	7 CDR	100 500 1000	31 152 305	5.1 23.8 46.1	2.3 10.8 20.9					0.245	6.22		CDR/CDR CDR/SCR	35 63	115 207	see chart 1 (Tech Info Section)
9944	8 CDR	100 500 1000	31 152 305	5.5 26.0 52.0	2.5 11.8 23.6					0.260	6.60		CDR/CDR CDR/SCR	35 63	115 207	see chart 1 (Tech Info Section)
9945	9 CDR	100 500 1000	31 152 305	6.2 28.4 57.1	2.8 12.9 25.9					0.280	7.11		CDR/CDR CDR/SCR	35 63	115 207	see chart 1 (Tech Info Section)
9946	10 CDR	100 500 1000	31 152 305	6.6 31.5 61.9	3.0 14.3 28.1					0.300	7.62		CDR/CDR CDR/SCR	35 63	115 207	see chart 1 (Tech Info Section)
9947	15 CDR	100 500 1000	31 152 305	8.8 42.5 83.1	4.0 19.3 37.7					0.340	8.64		CDR/CDR CDR/SCR	35 63	115 207	see chart 2R (Tech Info Section)
9948	25 CDR	100 500 1000	31 152 305	13.3 66.6 132.1	6.0 30.2 59.9					0.410	10.41		CDR/CDR CDR/SCR	35 63	115 207	see chart 2R (Tech Info Section)
9949	37 CDR	100 500 1000	31 152 305	16.1 87.5 180.1	7.3 39.7 81.7					0.460	11.68		CDR/CDR CDR/SCR	35 63	115 207	see chart 2R (Tech Info Section)
9950	50 CDR	100 500 1000	31 152 305	25.1 118.2 238.3	11.4 53.6 108.1					0.555	14.10		CDR/CDR CDR/SCR	35 63	115 207	see chart 2R (Tech Info Section)

TC = Tinned Copper • DCR = DC resistance • SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors

Overall Foil / Braid Shield

Low-Capacitance Computer Cables for EIA RS-232 and EIA RS-423 Applications

Description	Part No.	UL NEC / C(UL)CEC Type IEC	Standard Lengths ft.	Standard Lengths m	Standard Unit Weight lbs.	Standard Unit Weight kg	Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD inch	Nominal Insulation OD mm	Shielding Material Nom. DCR	Nominal OD inch	Nominal OD mm	Nom. Vel. of Prop.	Nominal Capacitance	Nominal Capacitance pF/ft.	Nominal Capacitance pF/m	Color Code
24 AWG • Stranded Conductors (7x32) 0.6 mm Tinned Copper • Overall **Beldfoil®** Shield + 65% Tinned Copper Braid • 24 AWG TC Drain Wire																	
Datalene® Insulation • Chrome PVC Jacket																	
30V 80°C UL AWM Style 2919		NEC: CM CEC: CM					0.61 mm 24 AWG (7x32) TC	0.053	1.35	Overall Beldfoil® + Overall 65% TC Braid + Drain Wire (24 AWG TC)			78%				
 Z-Fold®																	
9925	3 CDR		100 500 1000	31 152 305	3.5 12.1 24.0	1.6 5.5 10.9					0.215	5.46		CDR/CDR CDR/SCR	12 22	39 72	see chart 1 (Tech Info Section)
9927	4 CDR		100 500 1000	31 152 305	3.5 14.6 32.0	1.6 6.6 14.5					0.230	5.84		CDR/CDR CDR/SCR	12 22	39 72	see chart 1 (Tech Info Section)
9929	5 CDR		100 500 1000	31 152 305	4.0 16.1 35.9	1.8 7.3 16.3					0.246	6.25		CDR/CDR CDR/SCR	12 22	39 72	see chart 1 (Tech Info Section)
9931	6 CDR		100 500 1000 10000	31 152 305 3048	4.2 17.6 39.0 410.3	1.9 8.0 17.7 186.1					0.265	6.73		CDR/CDR CDR/SCR	12 22	39 72	see chart 1 (Tech Info Section)
9932	7 CDR		100 500 1000	31 152 305	4.4 18.5 41.0	2.0 8.4 18.6					0.265	6.73		CDR/CDR CDR/SCR	12 22	39 72	see chart 1 (Tech Info Section)
9633	8 CDR		100 500 1000 10000	31 152 305 3048	4.9 21.2 46.1 480.4	2.2 9.6 20.9 217.9					0.280	7.11		CDR/CDR CDR/SCR	12 22	39 72	see chart 1 (Tech Info Section)
9934	9 CDR		100 500 1000	31 152 305	5.3 22.0 48.1	2.4 10.0 21.8					0.300	7.62		CDR/CDR CDR/SCR	12 22	39 72	see chart 1 (Tech Info Section)
9935	10 CDR		100 500 1000	31 152 305	5.7 28.0 53.1	2.6 12.7 24.1					0.306	7.77		CDR/CDR CDR/SCR	12 22	39 72	see chart 1 (Tech Info Section)
9636	15 CDR		100 500 1000	31 152 305	7.3 35.1 68.1	3.3 15.9 30.9					0.350	8.89		CDR/CDR CDR/SCR	12 22	39 72	see chart 2R (Tech Info Section)
9937	25 CDR		100 500 1000	31 152 305	9.9 54.7 108.0	4.5 24.8 49.0					0.445	11.30		CDR/CDR CDR/SCR	12 22	39 72	see chart 2R (Tech Info Section)
9938	37 CDR		100 500 1000	31 152 305	13.0 71.6 139.1	5.9 32.5 63.1					0.500	12.70		CDR/CDR CDR/SCR	12 22	39 72	see chart 2R (Tech Info Section)

TC = Tinned Copper • DCR = DC resistance • SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors

Overall Foil / Braid Shield

Audio, Control and Instrumentation Cables

Description	Part No.	UL NEC / C(UL)CEC Type IEC	Standard Lengths ft.	Standard Lengths m	Standard Unit Weight lbs.	Standard Unit Weight kg	Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD inch	Nominal Insulation OD mm	Shielding Material Nom. DCR	Nominal OD inch	Nominal OD mm	Nom. Vel. of Prop.	Nominal Capacitance	Nominal Capacitance pF/ft.	Nominal Capacitance pF/m	Color Code
24 AWG • Stranded Conductors (7x32) 0.6 mm Tinned Copper • Conductors Cabled • Overall **Beldfoil®** Shield + 85% Tinned Copper Braid																	
Plenum • FEP Insulation • Red FEP Jacket																	
300V RMS Non-conduit 		NEC: CMP CEC: CMP FT6					0.61 mm 24 AWG (7x32) TC	0.036	0.91	Overall Beldfoil® + Overall 85% TC Braid			–				see chart 2 (Tech Info Section)
	83503	3 CDR	† 500 † 1000	152 305	9.5 16.1	4.3 7.3					0.135	3.43		CDR/CDR CDR/SCR	20 36	66 118	
	83504	4 CDR	100 † 500 † 1000	31 152 305	3.5 10.1 20.1	1.6 4.6 9.1					0.144	3.66		CDR/CDR CDR/SCR	20 36	66 118	
	83506	6 CDR	† 500 † 1000	152 305	13.2 26.2	6.0 11.9					0.165	4.19		CDR/CDR CDR/SCR	20 36	66 118	
22 AWG • Stranded Conductors (7x30) 0.8 mm Tinned Copper • Conductors Cabled • Overall **Beldfoil®** Shield + 85% Tinned Copper Braid																	
Plenum • FEP Insulation • Red FEP Jacket																	
300V RMS Non-conduit 		NEC: CMP CEC: CMP FT6					0.76 mm 22 AWG (7x30) TC	0.042	1.06	Overall Beldfoil® + Overall 85% TC Braid			–				see chart 2 (Tech Info Section)
	83552	2 CDR	† 500 † 1000	152 305	8.2 16.1	3.7 7.3					0.141	3.58		CDR/CDR CDR/SCR	23 40	75 131	
	83553	3 CDR	100 † 500 † 1000	31 152 305	3.5 11.5 20.1	1.6 5.2 9.1					0.148	3.76		CDR/CDR CDR/SCR	23 40	75 131	
	83554	4 CDR	100 † 500 † 1000	31 152 305	4.0 12.6 25.1	1.8 5.7 11.4					0.159	4.04		CDR/CDR CDR/SCR	23 40	75 131	
	83556	6 CDR	100 † 500 † 1000	31 152 305	5.3 16.5 35.9	2.4 7.5 16.3					0.183	4.65		CDR/CDR CDR/SCR	23 40	75 131	
	83559	9 CDR	100 † 500 † 1000	31 152 305	6.8 23.1 50.0	3.1 10.5 22.7					0.209	5.31		CDR/CDR CDR/SCR	23 40	75 131	
	83562	12 CDR	† 500 † 1000	152 305	28.7 60.0	13.0 27.2					0.234	5.94		CDR/CDR CDR/SCR	23 40	75 131	
	83569	19 CDR	100 † 500 † 1000	31 152 305	9.7 44.1 85.1	4.4 20.0 38.6					0.269	6.83		CDR/CDR CDR/SCR	23 40	75 131	

TC = Tinned Copper • DCR = DC resistance • SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors
† Spools are one piece, but length may vary ± 10% from length shown.