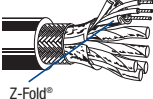


Individually Shielded Pairs with Overall Foil/Braid Shield

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

De- scription	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		Nom. Imp. ()	Nom. Vel. of Prop.	Nominal Capacitance		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	
24 AWG • Stranded (7x32) 0.6 mm TC • Twisted Pair • Each Pair Beldfoil® Shielded • Overall Beldfoil® Shield + 65% TC Braid • 24 AWG TC DW																	
Datalene® Insulation • Chrome PVC Jacket																	
(60°C) VW-1 UL AWM Style 2493		NEC: CM CEC: CM					0.61 mm 24 AWG (7x32) TC	0.061	1.55	Individual Beldfoil® + Overall Beldfoil® + Overall 65% TC Braid + Drain Wire (24 AWG TC)			100	78%			see chart 3 (Tech Info Section)
																	
8162	2-Pair		100 500 1000	31 152 305	6.2 30.0 57.1	2.8 13.6 25.9					0.343	8.71			CDR/CDR CDR/SCR	13 22	41 72
8163	3-Pair		100 500 1000	31 152 305	7.1 34.2 66.1	3.2 15.5 30.0					0.359	9.12			CDR/CDR CDR/SCR	13 22	41 72
8164	4-Pair		100 500 1000	31 152 305	8.2 39.7 79.1	3.7 18.0 35.9					0.388	9.86			CDR/CDR CDR/SCR	13 22	41 72
8165	5-Pair		100 500 1000	31 152 305	9.0 45.2 89.3	4.1 20.5 40.5					0.413	10.49			CDR/CDR CDR/SCR	13 22	41 72
8166	6-Pair		100 500 1000	31 152 305	9.0 50.0 99.2	4.1 22.7 45.0					0.446	11.33			CDR/CDR CDR/SCR	13 22	41 72
8167	7-Pair		500 1000	152 305	52.7 103.0	23.9 46.7					0.446	11.33			CDR/CDR CDR/SCR	13 22	41 72
8168	8-Pair		100 500 1000	31 152 305	10.8 61.7 115.3	4.9 28.0 52.3					0.479	12.17			CDR/CDR CDR/SCR	13 22	41 72
8170	10-Pair		100 500 1000	31 152 305	18.1 83.1 164.2	8.2 37.7 74.5					0.584	14.83			CDR/CDR CDR/SCR	13 22	41 72
8175	15-Pair		100 500 1000	31 152 305	22.7 107.8 210.5	10.3 48.9 95.5					0.665	16.89			CDR/CDR CDR/SCR	13 22	41 72
8178	18-Pair		100 500 1000	31 152 305	24.7 117.3 238.5	11.2 53.2 108.2					0.686	17.42			CDR/CDR CDR/SCR	13 22	41 72
8185	25-Pair		100 500 1000	31 152 305	32.4 160.9 356.7	14.7 73.0 161.8					0.822	20.88			CDR/CDR CDR/SCR	13 22	41 72

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

AES/EBU Digital Audio Cables

Single- and Double-Pair Cables

Audio-Connect



De- scription	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		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation	
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	MHz	dB/ 100 ft.

26 AWG • Stranded (7x34) 0.5 mm Tinned Copper • Twisted Pair • Beldfoil® • 26 AWG Tinned Copper Drain Wire

Datalene® Insulation • PVC Jacket (Chrome or Violet)																			
300V RMS 75°C	9180	NEC: CMG CEC: CMG FT4	1000	305	10.0	4.5	0.48 mm 26 AWG (7x34) TC	0.049	1.24	Overall Beldfoil® + Drain Wire (26 AWG TC)	0.144	3.66	110	76%	13.0	42.6	2.0	1.7	5.5
																	4.1	2.1	7.0
																	5.6	2.4	7.9
																	11.3	3.1	10.1
																	12.3	3.2	10.4
																	24.6	4.2	13.8
<p>Shorting Fold</p>																			
0.14 mm ² Digital Video Time Code			Color Code: Black, White Pulling Tension: 46 N																

24 AWG • Stranded (7x32) 0.6 mm Tinned Copper • Twisted Pair • Overall Beldfoil® Shield • 24 AWG Tinned Copper Drain Wire

Datalene® Insulation • PVC Jacket (Grey or Violet)																			
300V RMS 60°C	1800B	NEC: CMG CEC: CMG FT4	500	152	8.0	3.6	0.61 mm 24 AWG (7x32) TC	0.068	1.73	Overall Beldfoil® + Drain Wire (24 AWG TC)	0.177	4.50	110	76%	12.0	39.3	2.0	1.3	4.3
																	4.1	1.6	5.2
																	5.6	1.8	5.8
																	11.3	2.2	7.3
																	12.3	2.3	7.5
																	24.6	3.1	10.1
0.22 mm ²			152 m put-up available in Grey only. 1524 m put-up available in Violet only. Color Code: Red, Black																
																	The jacket and shield are bonded so both can be removed with automatic stripping equipment. Pulling Tension: 73 N		

24 AWG • Stranded (7x32) 0.6 mm Tinned Copper • Dual Twisted Pairs • Individual Beldfoil® Shield • 24 AWG Tinned Copper Drain Wire

Datalene® Insulation • PVC Jacket (Grey or Violet)																				
300V RMS 60°C	1802B	NEC: CMG CEC: CMG FT4	500	152	16.5	7.5	0.61 mm 24 AWG (7x32) TC	0.068	1.73	Individual Beldfoil® + Drain Wire (24 AWG TC)	0.180	4.57	110	76%	12.0	39.3	2.0	1.3	4.3	
																	x	x		
																	0.360	9.14		
																	5.6	1.8	5.8	
																	11.3	2.2	7.3	
																	12.3	2.3	7.5	
																	24.6	3.1	10.1	
0.22 mm ²			Color Code: Red, Black																	
																	The jacket and shield are bonded so both can be removed with automatic stripping equipment. Pulling Tension: 73 N			

24 AWG • Stranded (41x40) 0.6 mm High-Conductivity (Oxygen-Free) Bare Copper • Twisted Pair with Fillers • Conductors Cabled with Fillers • 95% Tinned Copper French Braid® • 26 AWG Bare Copper Drain Wire

Datalene® Insulation • Matte PVC Jacket (Red, Yellow, Green, Blue, Grey and Black)																			
300V RMS 60°C	1800F	NEC: CL2R	500	152	12.0	5.4	0.58 mm 24 AWG (41x40) BC	0.058	1.47	Overall French Braid® 95% TC + Drain Wire (26 AWG BC)	0.211	5.36	110	76%	12.0	39.3	2.0	1.3	4.3
																	4.1	2.2	7.3
																	5.6	2.9	9.5
																	11.3	4.5	14.9
																	12.3	4.8	15.7
																	24.6	7.1	23.3
0.22 mm ²			152 m and 305 m put-ups available in Black only. Color Code: Red, Black																
																	Pulling Tension: 184 N		

22 AWG • Stranded (7x30) 0.8 mm TC • Twisted Pair with Fillers • Overall Beldfoil® Shield (Unbonded) • 90% TC French Braid® • 24 AWG Tinned Copper Drain Wire

Datalene® Insulation • Black High-Flex Matte PVC Jacket																			
300V RMS 60°C	1696A		250	76	8.0	3.6	0.76 mm 22 AWG (7x30) TC	0.082	2.08	Overall French Braid® 90% TC + Drain Wire (24 AWG TC)	0.234	5.94	110	76%	13.0	42.6	2.0	0.9	2.9
																	4.1	1.1	3.6
																	5.6	1.3	4.3
																	11.3	1.7	5.7
																	12.3	1.8	5.8
																	24.6	2.4	7.9
0.34 mm ²			Color Code: Light Blue, White Pulling Tension: 249 N																

TC = Tinned Copper • BC = Bare Copper • DCR = DC resistance

AES/EBU Digital Multi-Pair Snake Cables

Beldfoil® High-Performance Cable, Low-Capacitance
Individually Shielded and Jacketed Pairs



De- scription	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		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation				
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	MHz	dB/ 100 ft.	dB/ 100 m		
26 AWG • Stranded (7x34) 0.5 mm High-Conductivity (Oxygen-Free) TC • Each Pair Beldfoil® Shielded • 26 AWG Tinned Copper Drain Wire • Numbered and Color Coded PVC Jackets • Overall Beldfoil® Shield • Rip Cord																					
Datalene® Insulation • Overall Matte Black PVC Jacket with 26 AWG Tinned Copper Drain Wire																					
300V RMS 80°C		NEC: CMG CEC: CMG FT4					0.48 mm 26 AWG (7x34) TC	0.054	1.37	Individual Beldfoil® + Drain Wire (26 AWG TC) + Overall Beldfoil®			110	76%	13.0	42.7	2.0	1.7	5.5		
															Jacketed Pairs O.D.:						
															0.136	3.45					
																				Pulling Tension:	
Rip Cord 0.14 mm²	7891A	2-Pair	500	152	28.0	12.7					0.343	8.71			107 N						
		1000	305	56.0	25.4																
	7890A	4-Pair	100	31	8.2	3.7					0.399	10.13			200 N						
			250	76	18.0	8.2															
			500	152	31.0	14.1															
			1000	305	61.0	27.7															
	7880A	8-Pair (Fits D-Sub connectors)	† 250	76	28.0	12.7					0.541	13.74			374 N						
			500	152	57.0	25.9															
			1000	305	142.0	64.4															
	7892A	12-Pair	500	152	85.0	38.6					0.679	17.25			574 N						
			1000	305	174.0	78.9															
	7893A	16-Pair	500	152	109.5	49.7					0.770	19.56			761 N						
			1000	305	240.0	108.9															
Color Code: Red, Black																					

Fire Resistant, Installation Cable, FRNC/LSNH IEC 332-3C Individually Shielded and Jacketed Pairs

De- scription	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		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation						
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	MHz	dB/ 100 ft.	dB/ 100 m				
26 AWG • Stranded (18x0.1) 0.5 mm TC • Each Pair Individually Tinned Copper Spiral Braid • Numbered FRNC/LSNH Jackets • Overall > 90% Tinned Copper Braid																							
Polyethylene Insulation • Overall Grey FRNC/LSNH Jacket with 26 AWG Tinned Copper Drain Wire																							
100V RMS 70°C		IEC 332-3C					0.5 mm 26 AWG (18x0.1) TC	0.044	1.13	Individual Spiral Serve > 90% TC Braid + Overall Braid	0.488	12.39	110	60%	17.4	57.0	0.1	0.3	0.9				
															Jacketed Pairs O.D.:								
															0.114	2.90							
																				Burning Energy:		Pulling Tension:	
0.14 mm²	YE00193	1-Pair	1640	500	13.4	6.1					0.114	2.90			-		-						
		BE46959	1-Pair	1640	500	24.3	11.0					0.154	3.90			283 kJ/m	85 N						
		BE46923	2-Pair	1640	500	102.1	46.3					0.331	8.40			913 kJ/m	150 N						
		BE46925	4-Pair	1640	500	134.5	61.0					0.374	9.50			1271 kJ/m	250 N						
		BE46935	8-Pair	1640	500	245.6	111.4					0.492	12.50			2023 kJ/m	400 N						
		BE46936	10-Pair	1640	500	278.0	126.1					0.524	13.30			2325 kJ/m	500 N						
		BE46937	12-Pair	1640	500	301.6	136.8					0.559	14.20			2644 kJ/m	600 N						
		BE46938	16-Pair	1640	500	392.9	178.2					0.630	16.00			3292 kJ/m	750 N						
	Color Code: White, Blue																						

TC = Tinned Copper • DCR = DC resistance
† 7880A is designed to fit in 25-pin D-sub connectors used in digital console board equipment.

AES/EBU Digital Multi-Pair Snake Cables

SlimSnake™, Installation Cable, Halogen-Free
Individually Shielded and Jacketed Pairs



De- scription	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		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	MHz	dB/ 100 ft.	dB/ 100 m
26 AWG • Stranded (7x0.16) 0.5 mm TC • Each Pair Individually TC Spiral Braid • Numbered PA Jackets • Overall > 90% TC Braid																			
Foam Polyethylene Insulation • Overall Purple Halogen-Free Jacket																			
100V RMS 70°C							0.5 mm 26 AWG (7x0.16) TC	0.043	1.10	Individual Spiral Serve > 90% TC Braid + Overall Braid			110	60%	15.2	50.0	0.1	0.3	0.9
							Jacketed Pairs O.D.:	0.114	2.90								1.0	0.7	2.3
																	6.0	2.9	9.5
																	10.0	4.9	16.0
																	Pulling Tension:		
0.14 mm ²	BE46273	1-Pair	820 1640	250 500	5.7 11.2	2.6 5.1					0.110	2.80							
	BE46202	1-Pair	820 1640	250 500	6.6 12.1	3.0 5.5					0.154	3.90							
	BE46203	2-Pair	820 1640	250 500	42.1 84.2	19.1 38.2					0.319	8.10							150 N
	BE46204	4-Pair	820 1640	250 500	57.3 114.4	26.0 51.9					0.354	9.00							250 N
	BE46266	8-Pair	820 1640	250 500	85.8 171.5	38.9 77.8					0.406	10.30							400 N
	BE46208	10-Pair	820 1640	250 500	97.0 193.8	44.0 87.9					0.480	12.20							500 N
	BE46205	12-Pair	820 1640	250 500	124.1 248.2	56.3 112.6					0.504	12.80							600 N
	BE46207	16-Pair	820 1640	250 500	171.7 343.3	77.9 155.7					0.602	15.30							750 N

Color Code: White, Blue

Beldfoil® High-Performance Cable, Low-Capacitance, Long-Runs Individually Shielded and Jacketed Pairs

De- 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		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	MHz	dB/ 100 ft.	dB/ 100 m
24 AWG • Stranded (7x32) 0.6 mm High-Conductivity (Oxygen-Free) TC • Each Pair Beldfoil® Shielded • 24 AWG Tinned Copper Drain Wire • Numbered and Color Coded PVC Jackets • Overall Beldfoil® Shield • Rip Cord																			
Datalene® Insulation • Overall Matte Black PVC Jacket with 16 AWG Tinned Copper Drain Wire																			
300V RMS 60°C		NEC: CMG CEC: CMG FT4					0.61 mm 24 AWG (7x32) TC	0.068	1.73	Individual Beldfoil® + Drain Wire (24 AWG TC) + Overall Beldfoil®			110	76%	12.0	39.4	2.0	1.3	4.3
							Jacketed Pairs O.D.:	0.167	4.24								4.0	1.6	5.1
																	5.0	1.7	5.6
																	6.0	1.8	5.9
																	12.0	2.3	7.5
																	25.0	3.1	10.1
																	Pulling Tension:		
0.22 mm ²	1803F	4-Pair	500 1000	152 305	57.5 107.0	26.1 48.5					0.488	12.39							367 N
	1805F	8-Pair	500 1000	152 305	106.5 211.0	48.3 95.7					0.661	16.79							609 N
	1806F	12-Pair	500 1000	152 305	160.0 330.0	72.6 149.7					0.829	21.06							890 N
	1850F	16-Pair	500 1000	152 305	208.0 407.0	94.3 184.6					0.944	23.98							1174 N
	1852F	24-Pair	500 1000	152 305	321.0 644.0	145.6 292.1					1.205	30.61							1779 N
	1854F	32-Pair	1000	305	841.0	381.5					1.346	34.19							2356 N

Color Code: Red, Black

TC = Tinned Copper • DCR = DC resistance