

Analog Multi-Pair Snake Cables

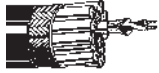
Flexible, Field Use, Rugged-Stage Cables
Individually Shielded and Jacketed Pairs



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		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	

26 AWG • Stranded (18x0.1) 0.5 mm TC • Each Pair Individually TC Spiral Braid • Numbered PVC Jackets • Overall > 80% TC Braid

Polyethylene Insulation • Overall Black PVC Jacket																	
100V RMS 75°C							0.48 mm 26 AWG (18x0.1) TC	0.041	1.05	Individual Spiral Serve > 90% TC Braid + Overall Braid		95	-	CDR/CDR CDR/SCR	18 34	60 110	White, Red
								Jacketed Pairs O.D.:									
								0.122	3.10								
0.14 mm ²	BE46312	4-Pair	1640	500	212.5	96.4						0.492	12.50				
	BE46313	8-Pair	1640	500	323.6	146.8						0.591	15.00				
	BE46315	12-Pair	1640	500	374.6	169.9						0.638	16.20				
	BE46305	16-Pair	1640	500	470.0	213.2						0.709	18.00				
	BE46306	24-Pair	820	250	343.9	156.0						0.882	22.40				
	BE46948	40-Pair	820	250	555.6	252.0						1.075	27.30				



Super-Flexible, High-Performance Cables, Star Quad

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		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	

26 AWG • Stranded (19x38) 0.5 mm High-Conductivity (Oxygen-Free) Bare Copper • Each Pair 95% Bare Copper French Braid® • 26 AWG Tinned Copper Drain Wire • Numbered and Color Coded PVC Jackets

Polyethylene Insulation • Overall Black PVC Jacket with 20 AWG Tinned Copper Drain Wire																	
300V RMS 60°C							0.51 mm 26 AWG (19x38) BC	0.045	1.14	Individual French Braid® 95% BC + Drain Wire (26 AWG TC)		40	-	CDR/CDR CDR/SCR	39 57	129 188	see chart below
								Jacketed Pairs O.D.:									
								0.157	3.99								
0.14 mm ² Star-Quad	7884A	2-Pair	250 † 500 † 1000	76 152 305	27.0 49.0 98.0	12.2 22.2 44.5						0.458	11.63				396 N
	7885A	4-Pair	250 † 500 † 1000	76 152 305	36.3 70.5 136.0	16.5 32.0 61.7						0.498	12.65				792 N
	7886A	8-Pair	† 500 † 1000	152 305	146.5 314.0	66.5 142.4						0.782	19.86				1584 N
	7887A	12-Pair	250 † 500 † 1000	76 152 305	89.5 177.5 365.0	40.6 80.5 165.6						0.828	21.03				2380 N
	7888A	16-Pair	250 † 500 † 1000	76 152 305	114.0 238.5 468.0	51.7 108.2 212.3						0.938	23.83				3172 N
	7889A	24-Pair	† 500 † 1000	152 305	396.0 798.0	179.6 362.0						1.232	31.29				4759 N

2/c 21 AWG equivalent DCR when connected to a 3-pin XLR.

TC = Tinned Copper • BC = Bare Copper • DCR = DC resistance
SCR = Capacitance between one conductor and other conductors connected to shield.
CDR = Capacitance between conductors
† Length may vary -10% to 0% from length shown.

Color Code

Pair No.	Color
1	Blue
2	White

Pair No.	Color
3	Blue with White Stripe
4	White with Blue Stripe

Analog Multi-Pair Snake Cables

FleXsnake® Super-Flexible, High-Performance Cables
Individually Shielded and Jacketed Pairs

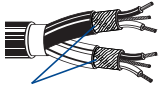


De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	

24 AWG • Stranded (41x40) 0.6 mm High-Conductivity (Oxygen-Free) Bare Copper • Each Pair Individually 93% French Braid® • 24 AWG Tinned Copper Drain Wire • Numbered and Color Coded PVC Jackets

Polyolefin Insulation • Overall Black PVC Jacket

300V RMS 60°C							0.58 mm 24 AWG (41x40) BC	0.040	1.02	Individual French Braid® 93% + Drain Wire (24 AWG TC)			60	-	CDR/CDR CDR/SCR	26 48	86 156	Red, Black
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French Braid

Jacketed Pairs O.D.:
0.119 3.02

0.22 mm²

Pulling Tension:

Part No.	Pairing	250 ft	76 m	12.0 lbs	5.4 kg	0.330 inch	8.38 mm	Pulling Tension	
1902A	2-Pair							258 N	
	† 500	152	27.5	12.5					
	† 1000	305	53.0	24.0					
1904A	4-Pair			19.8	9.0	0.333	8.45	534 N	
	† 500	152	40.5	18.4					
	† 1000	305	78.0	35.4					
1906A	6-Pair			28.5	12.9	0.449	11.40	801 N	
	† 500	152	55.5	25.2					
	† 1000	305	111.0	50.3					
1908A	8-Pair			36.0	16.3	0.480	12.20	1023 N	
	† 500	152	72.5	32.9					
	† 1000	305	141.0	64.0					
1912A	12-Pair			51.8	23.5	0.602	15.30	1557 N	
	† 500	152	102.5	46.5					
	† 1000	305	203.0	92.1					
1916A	16-Pair			71.0	32.2	0.681	17.30	2091 N	
	† 500	152	138.0	62.6					
	† 1000	305	279.0	126.6					
1924A	24-Pair			108.0	49.0	0.827	21.00	3114 N	
	† 500	152	214.5	97.3					
	† 1000	305	437.0	198.2					
1932A	32-Pair			135.3	61.4	0.969	24.60	4173 N	
	† 500	152	274.0	124.3					
	† 1000	305	539.0	244.5					

TC = Tinned Copper • BC = Bare Copper • DCR = DC resistance • SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors
† Length may vary -10% to 0% from length shown.

19 • Brilliance® Broadcast

Analog Multi-Pair Snake Cables

Beldfoil® High-Performance Cables

Individually Shielded and Jacketed Pairs

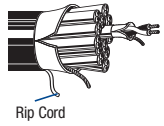


De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	

24 AWG • Stranded (7x32) 0.6 mm High-Conductivity (Oxygen-Free) Tinned Copper • Each Pair Beldfoil® Shielded • 24 AWG Tinned Copper Drain Wire • Numbered and Color Coded PVC Jackets • Overall Beldfoil® Shield • Rip Cord

Polyolefin Insulation • Overall Black PVC Jacket with 18 AWG Tinned Copper Drain Wire

300V RMS 75°C	NEC: CM CEC: CM		0.61 mm 24 AWG (7x32) TC	0.040	1.02	Individual Beldfoil® + Drain Wire (24 AWG TC) + Overall Beldfoil®	60	-	CDR/CDR CDR/SCR	31 58	102 190	Brown, Red		
												Jacketed Pairs O.D.:		
												0.111	2.82	

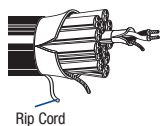


													Pulling Tension:		
0.22 mm ²	1508A	1-Pair	500 1000	152 305	6.5 11.0	2.9 5.0					0.131	3.33			73 N
	1509C	2-Pair	500 1000	152 305	24.0 46.0	10.9 20.9					0.301	7.65			246 N
	1510C	4-Pair	500 1000	152 305	35.5 72.0	16.1 32.7					0.352	8.94			393 N
	1511C	6-Pair	500 1000	152 305	52.0 102.0	23.6 46.3					0.418	10.61			544 N
	1512C	8-Pair	500 1000	152 305	65.5 124.0	29.7 56.2					0.452	11.48			676 N
	1513C (DT-12)	12-Pair	500 1000	152 305	89.5 178.0	40.6 80.7					0.561	14.25			980 N
	1514C	16-Pair	500 1000	152 305	122.5 241.0	55.6 109.3					0.628	15.95			1273 N
	1515C	20-Pair	500 1000	152 305	142.5 288.0	64.6 130.6					0.770	19.56			1567 N
	1516C	24-Pair	500 1000	152 305	180.5 371.0	81.9 168.3					0.807	20.50			1861 N
	1517C	26-Pair	500 1000	152 305	187.5 385.0	85.0 174.6					0.823	20.90			2007 N
	1518C	32-Pair	500 1000	152 305	236.5 481.0	107.3 218.2					0.897	22.78			2448 N
	1519C	52-Pair	500 1000	152 305	372.5 731.0	169.0 331.6					1.117	28.37			3916 N

24 AWG • Stranded (7x32) 0.6 mm High-Conductivity (Oxygen-Free) Tinned Copper • Each Pair Beldfoil® Shielded • 24 AWG Tinned Copper Drain Wire • Numbered FRNC Jackets • Overall Beldfoil® Shield • Rip Cord

Polyolefin Insulation • Overall Black FRNC/LSNH Jacket with 18 AWG Tinned Copper Drain Wire

300V RMS 75°C	NEC: CM CEC: CM		0.61 mm 24 AWG (7x32) TC	0.040	1.02	Individual Beldfoil® + Drain Wire (24 AWG TC) + Overall Beldfoil®	60	-	CDR/CDR CDR/SCR	28 55	92 180	Brown, Red		
												Jacketed Pairs O.D.:		
												0.111	2.82	



													Pulling Tension:		
0.22 mm ²	1508ENH	1-Pair	1640 3280	500 1000	21.0 42.4	9.5 19.1					0.131	3.33			73 N
	1509ENH	2-Pair	1640	500	79.1	35.9					0.301	7.65			246 N
	1512ENH	8-Pair	1640 3280	500 1000	215.4 430.8	97.7 195.4					0.453	11.50			676 N

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

Analog Multi-Pair Snake Cables

Beldfoil® High-Performance Cables, Long Runs
Individually Shielded and Jacketed Pairs

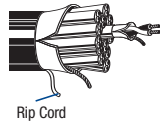


De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	

22 AWG • Stranded (7x30) 0.8 mm High-Conductivity (Oxygen-Free) Tinned Copper • Each Pair **Beldfoil®** Shielded •
22 AWG Tinned Copper Drain Wire • Numbered and Color Coded PVC Jackets • Overall **Beldfoil®** Shield • Rip Cord

Polyolefin Insulation • Overall Matte Black PVC Jacket with Stranded 18 AWG Tinned Copper Drain Wire, except 1814 with 22 AWG

300V RMS 60°C	NEC: CMR CEC: CMG FT4	0.76 mm 22 AWG (7x30) TC	0.050	1.27	Individual Beldfoil® + Drain Wire (22 AWG TC) + Overall Beldfoil®	50	66	CDR/CDR CDR/SCR	31.0 56.1	102 184	Red, Black
		Jacketed Pairs O.D.:									
		0.133		3.38							



0.35 mm²

Pulling Tension:

Part No.	Pairing	Length (ft.)	Length (m)	Weight (lbs.)	Weight (kg)	Shielding (inch)	Shielding (mm)	Capacitance (pF/ft.)	Capacitance (pF/m)	Color Code
1814R	2-Pair	500 1000	152 305	30.0 59.0	13.6 26.8	0.330	8.38			283 N
1815R	4-Pair	500 1000	152 305	45.0 91.0	20.4 41.3	0.383	9.74			485 N
1816R	6-Pair	500 1000	152 305	65.0 131.0	29.5 59.4	0.462	11.73			838 N
1817R	8-Pair	500 1000	152 305	80.0 152.0	36.3 68.9	0.503	12.78			1081 N
1818R	12-Pair	500 1000	152 305	121.0 241.0	54.9 109.3	0.638	16.21			1623 N
1819R	16-Pair	500 1000	152 305	180.0 364.0	81.6 165.1	0.776	19.71			2052 N
1820R	20-Pair	500 1000	152 305	216.0 442.0	98.0 200.5	0.865	21.97			2538 N
1821R	24-Pair	500 1000	152 305	263.5 518.0	119.5 235.0	0.969	24.61			3024 N
1822R	26-Pair	500 1000	152 305	280.5 552.0	127.2 250.4	0.989	25.12			3266 N
1823R	32-Pair	500 1000	152 305	335.5 692.0	152.2 313.9	1.072	27.23			3995 N

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

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 Rip Cord 0.14 mm²		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	
																		4.0	2.1	6.9
																		5.0	2.3	7.5
																		6.0	2.5	8.1
																		12.0	3.2	10.4
																		25.0	4.2	13.8
																		Pulling Tension:		
	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 0.14 mm²		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
																			1.0	0.7	2.2
																			4.0	1.9	6.3
																			10.0	3.7	12.0
																			Burning Energy: Pulling Tension:		
	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										6.0	2.9	9.5
																	10.0	4.9	16.0
																			Pulling Tension:
0.14 mm²	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 mm²	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