

## Analog Multi-Pair Snake Cables

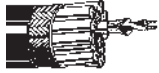
Flexible, Field Use, Rugged-Stage Cables  
Individually Shielded and Jacketed Pairs



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**

<b>Polyethylene Insulation • Overall Black PVC Jacket</b>																	
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 <sup>2</sup>	<b>BE46312</b>	4-Pair	1640	500	212.5	96.4						0.492	12.50				
	<b>BE46313</b>	8-Pair	1640	500	323.6	146.8						0.591	15.00				
	<b>BE46315</b>	12-Pair	1640	500	374.6	169.9						0.638	16.20				
	<b>BE46305</b>	16-Pair	1640	500	470.0	213.2						0.709	18.00				
	<b>BE46306</b>	24-Pair	820	250	343.9	156.0						0.882	22.40				
	<b>BE46948</b>	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**

<b>Polyethylene Insulation • Overall Black PVC Jacket with 20 AWG Tinned Copper Drain Wire</b>																	
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 <sup>2</sup> Star-Quad	<b>7884A</b>	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
	<b>7885A</b>	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
	<b>7886A</b>	8-Pair	† 500 † 1000	152 305	146.5 314.0	66.5 142.4						0.782	19.86				1584 N
	<b>7887A</b>	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
	<b>7888A</b>	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
	<b>7889A</b>	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

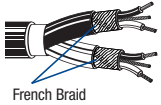


De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	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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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 (N)
<b>1902A</b>	2-Pair	250	76	12.0	5.4	0.330	8.38	258 N
	† 500	152	27.5	12.5				
	† 1000	305	53.0	24.0				
<b>1904A</b>	4-Pair	250	76	19.8	9.0	0.333	8.45	534 N
	† 500	152	40.5	18.4				
	† 1000	305	78.0	35.4				
<b>1906A</b>	6-Pair	250	76	28.5	12.9	0.449	11.40	801 N
	† 500	152	55.5	25.2				
	† 1000	305	111.0	50.3				
<b>1908A</b>	8-Pair	250	76	36.0	16.3	0.480	12.20	1023 N
	† 500	152	72.5	32.9				
	† 1000	305	141.0	64.0				
<b>1912A</b>	12-Pair	250	76	51.8	23.5	0.602	15.30	1557 N
	† 500	152	102.5	46.5				
	† 1000	305	203.0	92.1				
<b>1916A</b>	16-Pair	250	76	71.0	32.2	0.681	17.30	2091 N
	† 500	152	138.0	62.6				
	† 1000	305	279.0	126.6				
<b>1924A</b>	24-Pair	250	76	108.0	49.0	0.827	21.00	3114 N
	† 500	152	214.5	97.3				
	† 1000	305	437.0	198.2				
<b>1932A</b>	32-Pair	250	76	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

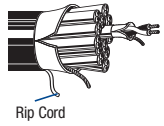


De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.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

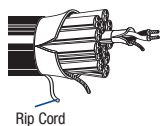


													Pulling Tension:		
0.22 mm <sup>2</sup>	<b>1508A</b>	1-Pair	500 1000	152 305	6.5 11.0	2.9 5.0					0.131	3.33			73 N
	<b>1509C</b>	2-Pair	500 1000	152 305	24.0 46.0	10.9 20.9					0.301	7.65			246 N
	<b>1510C</b>	4-Pair	500 1000	152 305	35.5 72.0	16.1 32.7					0.352	8.94			393 N
	<b>1511C</b>	6-Pair	500 1000	152 305	52.0 102.0	23.6 46.3					0.418	10.61			544 N
	<b>1512C</b>	8-Pair	500 1000	152 305	65.5 124.0	29.7 56.2					0.452	11.48			676 N
	<b>1513C</b> (DT-12)	12-Pair	500 1000	152 305	89.5 178.0	40.6 80.7					0.561	14.25			980 N
	<b>1514C</b>	16-Pair	500 1000	152 305	122.5 241.0	55.6 109.3					0.628	15.95			1273 N
	<b>1515C</b>	20-Pair	500 1000	152 305	142.5 288.0	64.6 130.6					0.770	19.56			1567 N
	<b>1516C</b>	24-Pair	500 1000	152 305	180.5 371.0	81.9 168.3					0.807	20.50			1861 N
	<b>1517C</b>	26-Pair	500 1000	152 305	187.5 385.0	85.0 174.6					0.823	20.90			2007 N
	<b>1518C</b>	32-Pair	500 1000	152 305	236.5 481.0	107.3 218.2					0.897	22.78			2448 N
	<b>1519C</b>	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 <sup>2</sup>	<b>1508ENH</b>	1-Pair	1640 3280	500 1000	21.0 42.4	9.5 19.1					0.131	3.33			73 N
	<b>1509ENH</b>	2-Pair	1640	500	79.1	35.9					0.301	7.65			246 N
	<b>1512ENH</b>	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

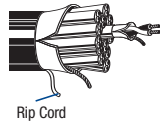


De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.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



											Pulling Tension:										
0.35 mm <sup>2</sup>	Part No.	Pairs	500	1000	ft.	m	lbs.	kg	inch	mm	283 N	485 N	838 N	1081 N	1623 N	2052 N	2538 N	3024 N	3266 N	3995 N	
<b>1814R</b>	2-Pair		500	1000	152	305	30.0	13.6	0.330	8.38	283 N										
<b>1815R</b>	4-Pair		500	1000	152	305	45.0	20.4	0.383	9.74		485 N									
<b>1816R</b>	6-Pair		500	1000	152	305	65.0	29.5	0.462	11.73			838 N								
<b>1817R</b>	8-Pair		500	1000	152	305	80.0	36.3	0.503	12.78				1081 N							
<b>1818R</b>	12-Pair		500	1000	152	305	121.0	54.9	0.638	16.21					1623 N						
<b>1819R</b>	16-Pair		500	1000	152	305	180.0	81.6	0.776	19.71						2052 N					
<b>1820R</b>	20-Pair		500	1000	152	305	216.0	98.0	0.865	21.97							2538 N				
<b>1821R</b>	24-Pair		500	1000	152	305	263.5	119.5	0.969	24.61								3024 N			
<b>1822R</b>	26-Pair		500	1000	152	305	280.5	127.2	0.989	25.12									3266 N		
<b>1823R</b>	32-Pair		500	1000	152	305	335.5	152.2	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

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