

Microphone and Musical Instrument Cables

Two-Conductor, Low-Impedance Cables



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 (105x44) 0.6 mm High-Conductivity (Oxygen-Free) BC • Conductors Cabled with Fillers • 97 % BC Double Spiral Braid

PVC Insulation • Matte Black PVC Jacket																		
300V RMS 80°C	9397		500	152	12.1	5.5	0.61 mm 24 AWG (105x44) BC	0.048	1.22	Overall Double Spiral + 97% BC Braid	0.176	4.47	47	-	CDR/CDR CDR/SCR	47 86	154 283	White, Green



0.22 mm²

Pulling Tension: 44 N

24 AWG • Stranded (32x0.1) 0.6 mm Bare Copper • Conductors Cabled with Fillers • 92 % Bare Copper Spiral Serve Braid

Polyethylene Insulation • PVC Jacket (Red, Yellow, Green, Blue, Grey, White and Black)																		
100V RMS 60°C	BE46349		328	100	9.3	4.2	0.6 mm 24 AWG (32x0.1) BC	0.057	1.45	Overall Spiral Serve + 92% BC Braid	0.240	6.10	-	-	CDR/CDR CDR/SCR	18 34	60 110	Red, Blue



0.25 mm²

Pulling Tension: 44 N

20 AWG • Stranded (26x34) 0.9 mm High-Conductivity (Oxygen-Free) TC • Cotton Wrap • Conductors Cabled • Rayon Braid • 85 % TC Braid

EPDM Rubber Insulation • EPDM Jacket (Black, Red, Yellow and Blue)																		
600V RMS 90°C	8412		100	31	5.2	2.4	0.94 mm 20 AWG (26x34) TC	0.083	2.11	Overall 85% TC Braid	0.262	6.65	52	-	CDR/CDR CDR/SCR	30 55	98 180	White, Black
			250	76	12.1	5.5												
			500	152	24.0	10.9												
			1000	305	46.0	20.9												
			1000	305	47.1	21.4												



0.52 mm²

Pulling Tension: 445 N
Red, Yellow or Blue available in 305 m put-up only.

Three-Conductor, Low-Impedance Cables

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 (105x44) 0.6 mm High-Conductivity (Oxygen-Free) Bare Copper • Double Spiral Braid • 97% Bare Copper Braid

PVC Insulation • Matte Black PVC Jacket																		
300V RMS 80°C	9398		1000	305	25.1	11.4	0.61 mm 24 AWG (105x44) BC	0.048	1.22	Overall Double Spiral + 97% BC Braid	0.185	4.70	47	-	CDR/CDR CDR/SCR	40 110	131 361	White, Green, Brown



0.22 mm²

Pulling Tension: 200 N

TC = Tinned Copper • BC = Bare Copper • EPDM = Ethylene Propylene Diene Monomer • DCR = DC resistance
SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors

Microphone and Musical Instrument Cables

Four-Conductor, Star-Quad



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	

28 AWG • Stranded (19x40) 0.4 mm High-Conductivity (Oxygen-Free) Silver-Plated Copper Alloy • 78% Tinned Copper Braid

Polypropylene Insulation • Matte PVC Jacket (Red, Yellow, Blue, Beige and Black)

100V RMS 60°C	1804A*		100	31	1.6	0.7	0.38 mm 28 AWG (19x40) SPC	0.030	0.76	Overall 78% TC Braid	0.115	2.92	40	–	CDR/CDR CDR/SCR	40 60	131 196	see chart below
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0.09 mm²

31 m put-up available in Black only.

2/c 23 AWG equivalent DCR when connected to a 3-pin XLR.
Pulling Tension: 106 N

26 AWG • Stranded (30x40) 0.5 mm High-Conductivity (Oxygen-Free) BC • Conductors Cabled • 95% TC French Braid® • 28 AWG BC Drain Wire

Polyethylene Insulation • Matte PVC Jacket (Red, Green, Yellow, Blue, Grey and Black)

100V RMS 60°C	1172A*		500	152	13.5	6.1	0.53 mm 26 AWG (30x40) BC	0.045	1.14	Overall French Braid® 95% TC + Drain Wire (28 AWG BC)	0.190	4.83	39	–	CDR/CDR CDR/SCR	39 57	129 188	see chart below
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0.14 mm²

152 m put-up available in Black only.

2/c 23 AWG equivalent DCR when connected to a 3-pin XLR.
Pulling Tension: 164 N

24 AWG • Stranded (41x40) 0.6 mm High-Conductivity (Oxygen-Free) Bare Copper • Conductors Cabled • 95% Tinned Copper Braid

Polyethylene Insulation • Matte PVC Jacket (Red, Green, Yellow, Blue, Grey and Black)

100V RMS 75°C	1192A*		100	31	4.1	1.9	0.58 mm 24 AWG (41x40) BC	0.056	1.42	Overall 95% TC Braid	0.245	6.22	40	–	CDR/CDR CDR/SCR	39 57	129 188	see chart below
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0.22 mm²31 m put-up available in Black only.
152 m put-up available in Blue or Black only.2/c 21 AWG equivalent DCR when connected to a 3-pin XLR.
Pulling Tension: 93 N

20 AWG • Stranded (26x34) 0.9 mm High-Conductivity (Oxygen-Free) TC • Cotton Wrap • Conductors Cabled • Rayon Braid • 85% TC Braid

EPDM Rubber Insulation • Cotton Wrap • Black EPDM Rubber Jacket

600V RMS 90°C	8424		100	31	6.8	3.1	0.91 mm 20 AWG (26x34) TC	0.083	2.11	Overall 85% TC Braid	0.294	7.47	52	–	CDR/CDR CDR/SCR	47 59	154 194	Black, White, Red, Green
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0.52 mm²2/c 17 AWG equivalent DCR when connected to a 3-pin XLR.
Pulling Tension: 387 N

TC = Tinned Copper • BC = Bare Copper • SPC = Silver-Plated Copper • DCR = DC resistance

SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors

* One Blue conductor and one White conductor are striped for use in MIDI and other four conductor applications.

▲ May contain more than one piece. Min. length of any one piece is 15 m (50 ft).

Color Code

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

Line Level Analog 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		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	

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

Polypropylene Insulation • Grey PVC Jacket																		
300V RMS 75°C	1883A	NEC:	U-1000	U-305	11.0	5.0	0.61 mm	0.040	1.02	Overall Beldfoil® + Drain Wire (24 AWG TC)	0.123	3.12	52	-	CDR/CDR	31	101	Black, Red
		CMR	1000	305	11.0	5.0	24 AWG	CDR/SCR	58						190			
		CEC:	CMG FT4				(7x32) TC											



0.22 mm²

U-305 m put-up also available in Brown, Red, Orange, Yellow, Green, Blue, Violet, White or Black. Jacket and shield are bonded so both can be removed with automatic stripping equipment. Pulling Tension: 71 N

24 AWG • Stranded (19x36) 0.6 mm High-Conductivity (Oxygen-Free) Tinned Copper • Twisted Pair • Overall Beldfoil® Shield (Unbonded) • 24 AWG Tinned Copper Drain Wire • Noise Reducing Tape

High-density Polyethylene Insulation • Black PVC Jacket																		
200V RMS 75°C	9452	NEC:	U-500	U-152	6.6	3.0	0.61 mm	0.040	1.02	Overall Beldfoil® + Drain Wire (24 AWG TC)	0.135	3.43	56	-	CDR/CDR	30	98	Black, Red
		CMR	500	152	6.0	2.7	24 AWG	CDR/SCR	58						190			
		CEC:	U-1000	U-305	12.0	5.4	(19x36) TC											
		CMG FT4	1000	305	12.0	5.4												



Shorting Fold

0.22 mm²

Pulling Tension: 79 N

22 AWG • Stranded (7x30) 0.8 mm Tinned Copper • Twisted Pair • Overall Beldfoil® Shield • 22 AWG Tinned Copper Drain Wire

Polypropylene Insulation • PVC Jacket (Black, Grey, Brown, Red, Orange, Yellow, Green, Blue, Violet and White)																		
300V RMS 75°C	9451	NEC:	U-500	U-152	8.0	3.6	0.76 mm	0.050	1.27	Overall Beldfoil® + Drain Wire (22 AWG TC)	0.135	3.43	45	-	CDR/CDR	35	115	Black, Red
		CMR	500	152	8.0	3.6	22 AWG	CDR/SCR	67						220			
		CEC:	T-1000	T-305	18.0	8.2	(7x30) TC											
		CMG FT4	U-1000	U-305	16.0	7.3												
			5000	1524	75.0	34.0												



0.34 mm²

U-152 m, 152 m and T-305 m put-ups available in Grey only. The jacket and shield are bonded so both can be removed with automatic stripping equipment. Drain wire is inside foil shield. Pulling Tension: 120 N

22 AWG • Stranded (7x30) 0.8 mm TC • Twisted Pair • Overall Beldfoil® Shield (Unbonded) • 22 AWG Tinned Copper Drain Wire

Polyethylene Insulation • Paper Wrap • PVC Jacket (Black or Grey)																		
300V RMS 75°C	8451	NEC:	100	31	2.3	1.0	0.76 mm	0.050	1.27	Overall Beldfoil® + Drain Wire (22 AWG TC)	0.138	3.51	45	-	CDR/CDR	34	112	Black, Red
		CMR	U-500	U-152	8.5	3.9	22 AWG	CDR/SCR	67						220			
		CEC:	500	152	8.0	3.6	(7x30) TC											
		CMR	U-1000	U-305	16.0	7.3												
			1000	305	16.0	7.3												



Z-Fold®

0.34 mm²

31 m put-up available in Black only. Pulling Tension: 120 N. Belden's miniature type broadcast audio and instrumentation cables occupy 1/2 to 2/3 less space than standard cables. Unique paper separator facilitates jacket stripping.

22 AWG • Stranded (7x30) 0.8 mm Tinned Copper • Dual Pairs • Overall Beldfoil® Shield (Unbonded) • 24 AWG Tinned Copper Drain Wire

Polypropylene Insulation • Chrome PVC Jacket																		
80°C UL AWM Style 2717	8728	NEC:	U-500	U-152	15.0	6.8	0.76 mm	0.050	1.27	Individual Beldfoil® + Drain Wire (24 AWG TC) + Overall Beldfoil®	0.215	5.46	50	-	CDR/CDR	35	115	Black, Red, Green, White
		CM	500	152	15.5	7.0	22 AWG	CDR/SCR	62						203			
		CEC:	U-1000	U-305	30.0	13.6	(7x30) TC											
		CM	1000	305	31.0	14.1												



0.34 mm²

Each pair Beldfoil shielded with individual drain wire plus polyester film over each shield. Pulling Tension: 161 N

Meets NEC Article 800

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

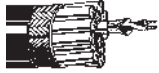
Flexible, Field Use, Rugged-Stage Cables
Individually Shielded and Jacketed Pairs



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

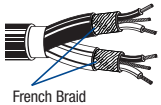


De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	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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Jacketed Pairs O.D.:
0.119 3.02

		0.22 mm²										Pulling Tension:	
1902A	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									
1904A	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									
1906A	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									
1908A	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									
1912A	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									
1916A	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									
1924A	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									
1932A	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

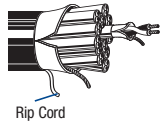


De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.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

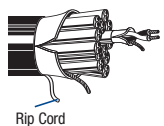


													Pulling Tension:		
0.22 mm ²	1508A	1-Pair	500 1000	152 305	6.5 11.0	2.9 5.0						0.131	3.33		73 N
	1509C	2-Pair	500 1000	152 305	24.0 46.0	10.9 20.9						0.301	7.65		246 N
	1510C	4-Pair	500 1000	152 305	35.5 72.0	16.1 32.7						0.352	8.94		393 N
	1511C	6-Pair	500 1000	152 305	52.0 102.0	23.6 46.3						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

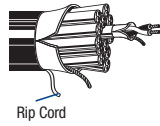


De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.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



											Pulling Tension:										
0.35 mm ²	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	
1814R	2-Pair		500	1000	152	305	30.0	13.6	0.330	8.38	283 N										
1815R	4-Pair		500	1000	152	305	45.0	20.4	0.383	9.74		485 N									
1816R	6-Pair		500	1000	152	305	65.0	29.5	0.462	11.73			838 N								
1817R	8-Pair		500	1000	152	305	80.0	36.3	0.503	12.78				1081 N							
1818R	12-Pair		500	1000	152	305	121.0	54.9	0.638	16.21					1623 N						
1819R	16-Pair		500	1000	152	305	180.0	81.6	0.776	19.71						2052 N					
1820R	20-Pair		500	1000	152	305	216.0	98.0	0.865	21.97							2538 N				
1821R	24-Pair		500	1000	152	305	263.5	119.5	0.969	24.61								3024 N			
1822R	26-Pair		500	1000	152	305	280.5	127.2	0.989	25.12									3266 N		
1823R	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

19 • Brilliance® Broadcast

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



Shorting Fold

0.14 mm²
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				
																	U-1000	U-305	17.0	7.7	4.1	1.6	5.2
																	1000	305	16.0	7.3	5.6	1.8	5.8
																	5000	1524	90.0	40.8	11.3	2.2	7.3
																					12.3	2.3	7.5
																					24.6	3.1	10.1



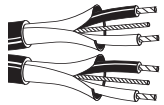
0.22 mm²

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						
																	U-1000	U-305	35.0	15.9	x	x	4.1	1.6	5.2
																	1000	305	37.0	16.8	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 mm²

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						
																	U-1000	U-305	26.0	11.8			4.1	2.2	7.3
																	1000	305	24.0	10.9			5.6	2.9	9.5
																							11.3	4.5	14.9
																							12.3	4.8	15.7
																							24.6	7.1	23.3



French Braid

0.22 mm²

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						
																	U-1000	U-305	30.0	13.6			4.1	1.1	3.6
																	1000	305	32.0	14.5			5.6	1.3	4.3
																							11.3	1.7	5.7
																							12.3	1.8	5.8
																							24.6	2.4	7.9



Z-Fold®

0.34 mm²

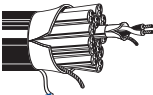
Color Code: Light Blue, White
Pulling Tension: 249 N

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 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			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
	BE46923	2-Pair		1640	500	102.1	46.3					0.331	8.40							913 kJ/m
	BE46925	4-Pair		1640	500	134.5	61.0					0.374	9.50							1271 kJ/m
	BE46935	8-Pair		1640	500	245.6	111.4					0.492	12.50							2023 kJ/m
	BE46936	10-Pair		1640	500	278.0	126.1					0.524	13.30							2325 kJ/m
	BE46937	12-Pair		1640	500	301.6	136.8					0.559	14.20							2644 kJ/m
	BE46938	16-Pair		1640	500	392.9	178.2					0.630	16.00							3292 kJ/m
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- 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
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

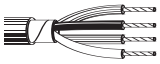
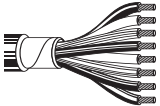
TC = Tinned Copper • DCR = DC resistance

Speaker Cables



De-scription	Part No.	UL NEC / C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Shielding Material	Nominal OD		Component	Description	Shielding Material & Nom. DCR	Insulation Material & Colors	Component Jacket Material & Colors	Component OD	
			ft.	m	lbs.	kg		inch	mm						inch	mm
26 AWG • 2 CDR (Audio) Stranded (18x0.1) 0.5 mm BC + 3 CDR (Power) Stranded (32x0.2) 1.2 mm BC • Conductors Cabled with Fillers																
Polyethylene Insulation • Overall Matte Black PVC Jacket																
300V RMS 60°C	BE43908		328	100	37.5	17.0	Unshielded	0.461	11.7	1xAudio	1-Pair 26 AWG 0.48 mm (18x0.1) BC	Overall 90% BC Braid	PE Black Red	PVC Black	0.044	1.12
			1640	500	187.4	85.0					1xPower				3 Conductors 18 AWG 1.15 mm (32x0.2) BC	Unshielded
 <p>2x0.14 mm² (Audio) 3x1.20 mm² (Power)</p> <p>Pulling Tension: 200 N</p>																

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		
16 AWG • 2 Conductor • Stranded (25x0.23) 1.5 mm Bare Copper																		
PVC Insulation • Overall Matte Black PVC Jacket (Grey or Black)																		
300V RMS 60°C	BE46382 2 CDR		328	100	15.9	7.2	1.5 mm	0.098	2.50	Unshielded	0.276	7.00	12	-	CDR/CDR	35	115	Black, Red
			1640	500	79.8	36.2	16 AWG											
			3280	1000	159.4	72.3	(25x0.23) BC											
 <p>2x1.5 mm²</p> <p>1000 m put-up available in Black only. Pulling Tension: 240 N</p>																		

14 AWG • 4 or 8 Conductor • Stranded (104x34) 1.9 mm Bare Copper • Conductors Cabled with Fillers • Paper Wrap																		
PVC Insulation • Overall Matte Black PVC Jacket																		
300V RMS 60°C	1810A 4 CDR		250	76	26.3	11.9	1.85 mm	0.025	0.64	Unshielded	0.390	9.91	8.8	-	CDR/CDR CDR/SCR	19 57	61 187	Red, Green, White, Black
			500	152	55.5	25.2	14 AWG											
			1000	305	114.0	51.7	(104x34) BC											
 <p>High-Flex 4x2.1 mm²</p> <p>Compatible with Speakon® connectors. Pulling Tension: 889 N</p>																		
PVC Insulation • Overall Matte Black PVC Jacket																		
300V RMS 60°C	1811A 8 CDR		1000	305	205.0	93.0	1.85 mm	0.025	0.64	Unshielded	0.515	13.08	8.8	-	CDR/CDR CDR/SCR	19 57	61 187	Brown, Red, Orange, Yellow, Green, White, Blue, Black
							14 AWG (104x34) BC											
 <p>8x2.1 mm²</p> <p>Compatible with Speakon® connectors. Pulling Tension: 1779 N</p>																		

BC = Bare Copper • PE = Polyethylene • DCR = DC resistance • SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors

Speakon® is a Neutrik trademark.

Speaker Cables



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	

13 AWG • 2 Conductor • Stranded (50x0.25) 2.1 mm Bare Copper**PVC Insulation • Overall Matte PVC Jacket** (Grey or Black)

300V RMS 60°C	BE46381 2 CDR		328 1640 3280	100 500 1000	22.5 112.4 224.9	10.2 51.0 102.0	2.05 mm 13 AWG (50x0.25) BC	0.114 2.90	Unshielded	0.317 8.05	7.4 —	—	CDR/CDR	40	131	Black, Red
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2x2.5 mm²

1000 m put-up available in Black only.
Pulling Tension: 400 N

13 AWG • 4 Conductor • Stranded (50x0.25) 2.1 mm Bare Copper • Conductors Cabled with Fillers • Paper Wrap**PVC Insulation • Overall Matte Black PVC Jacket**

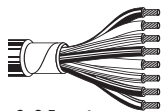
300V RMS 60°C	BE46379 4 CDR		3280	1000	399.5	181.2	2.05 mm 13 AWG (50x0.25) BC	0.114 2.90	Unshielded	0.394 10.00	7.4 —	—	CDR/CDR	40	131	Red, Green, White, Black
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4x2.5 mm²

Pulling Tension: 200 N

13 AWG • 8 Conductor • Stranded (300x0.1) 2.1 mm Bare Copper • Conductors Cabled with Fillers • Paper Wrap**PVC Insulation • Overall Matte Black PVC Jacket**

300V RMS 60°C	BE43907 8 CDR		820	250	160.5	72.8	2.05 mm 13 AWG (300x0.1) BC	0.114 2.90	Unshielded	0.488 12.40	7.4 —	—	CDR/CDR	40	131	Red, Green, White, Black, Yellow, Purple, Brown, Blue
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8x2.5 mm²

Pulling Tension: 1500 N

11 AWG • 2 Conductor • Stranded (56x0.3) 2.6 mm Bare Copper**PVC Insulation • Overall Matte PVC Jacket** (Grey or Black)

300V RMS 60°C	BE46380 2 CDR		328 1640 3280	100 500 1000	31.5 157.4 314.8	14.3 71.4 142.8	2.6 mm 11 AWG (56x0.3) BC	0.138 3.50	Unshielded	0.354 9.00	4.5 —	—	CDR/CDR	35	116	Black, Red
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2x4.0 mm²

500 m put-up available in Grey only.
Pulling Tension: 600 N

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

Special Cables



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	

25 AWG • Stranded (7x33) 0.5 mm High-Conductivity Copper (Oxygen-Free) • (3) Strands TC, (4) Strands TCCS • Rayon Braid • 80% TC Braid

Rayon Braid, Rubber Insulation • Black EPDM Rubber Jacket

3000 VDC 60°C	8410		1640	500	18.5	8.4	0.53 mm 25 AWG (3x33, 4x33) TC, TCCS	0.154	3.91	Overall 80% TC Braid	0.245	6.22	52	-	CDR/CDR	33	108	-
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Pulling Tension: 267 N

22 AWG • Stranded (7x0.25) Tinned Copper • Dual Twisted Pairs • Aluminum-Foil • 24 AWG (7x0.20) Drain Wire • 80% Tinned Copper Braid

Polyethylene Insulation • Overall Matte PVC Jacket (Black or Blue)

300V 70°C	BE43906		1640	500	68.8	31.2	0.75 mm 22 AWG (7x0.25) TC	0.053	1.35	Overall 80% TC Braid + Drain Wire (24 AWG TC)	0.268	6.80	110	-	CDR/CDR	21.3	70	White, Red, Green, Black
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DMX512
0.34 mm²

1000 m put-up available in Black only.

22 AWG: 3105A - 1 Pair DMX512 (see Industrial section)
3107A - 2 Pair DMX512 (see Industrial section)
24 AWG: 9841, 9842, 9843 and 9844 (see Industrial section)

De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Shielding Material	Nominal OD		Compo- nent	Description	Shielding Material & Nom. DCR	Insulation Material & Colors	Component Jacket Material & Colors	Component OD	
			ft.	m	lbs.	kg		inch	mm						inch	mm

(2) Coax 20 AWG • Solid 0.8 mm Bare Copper • **Duofoil®** • **(4) Audio 22 AWG (7x30) Tinned Copper Shielded Pair**

Gas-Injected FPE Insulation (Coax) • Polypropylene Insulation (Conductors) • Black F-R PVC Jacket

300V RMS 75°C	1347A	NEC: CMR CEC: CMR FT4	500	152	232.2	105.3	-	0.630	16.00	2xVideo	2-Coax (1505A) 20 AWG 0.8 mm Solid BC	Duofoil® 100% 95% TC Braid	HDPE	PVC Black, White	0.233	5.92
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4xAudio	4 Pair 22 AWG 0.8 mm (7x30) BC	Overall Beldfoil® 100% + Drain Wire (22 AWG TC)	Polypropylene	PVC Brown, Red, Orange, Yellow	0.135	3.43 each Pair
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2 Coax + 4 Pair

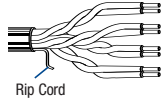
Pulling Tension: 947 N

TC = Tinned Copper • TCCS = Tinned Copper-Covered Steel • BC = Bare Copper • DCR = DC resistance
SCR = Capacitance between one conductor and other conductors connected to shield. • CDR = Capacitance between conductors

Duofoil® see technical information page 23.13.

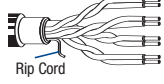
RJ-45 Cables for A/V Applications



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		Freq. MHz	Max. Atten. dB/100m	Min. PSUM			Input Imp. (Ω)	Min. RL dB		
			ft.	m	lbs.	kg		inch	mm		inch	mm			NEXT dB	ACR dB/100m	ELFEXT dB/100m				
CatSnake™ (Mobile Cat 5e) • 24 AWG • Bonded-Pair • Stranded (7x32) 0.6 mm Bare Copper Conductors • Rip Cord																					
Heavy-Duty Jacketed • Polyolefin Insulation • Flexible Matte Black PVC Jacket • Category 5e																					
 Rip Cord 4-Pairs	1304A		1000	305	27.8	12.6	0.61 mm 24 AWG (7x32) BC	0.037	0.95	Bonded-Pair Unshielded U/UTP	0.245	6.22	1	2.4	62.3	63.3	60.8	100±12	20.0		
			500	152	14.3	6.5									4	4.9	53.3	52.3	48.7	100±12	23.0
															8	6.9	48.8	46.1	42.7	100±12	24.5
															10	7.8	47.3	43.9	40.8	100±12	25.0
															16	9.9	44.3	39.1	36.7	100±12	25.0
															25	12.5	41.3	34.1	32.8	100±15	24.3
															31.25	14.1	39.9	31.3	30.9	100±15	23.6
															62.5	20.4	35.4	21.6	24.8	100±15	21.5
															100	26.4	32.3	17.1	20.8	100±18	20.1
															300	48.6	28.2	-	11.2	100±20	18.0
														350	53.2	27.2	-	9.9	100±22	17.0	

RJ-45 Compatible • -40°C Cold Bend
 U.S. Patents 5,606,151; 5,734,126 and 5,763,823
 Color Code: see chart below

Jacket sequentially marked at 0.6 m intervals.
 Third party verified to TIA/EIA-568-B.2, Category 5e

Upjacketed • Polyolefin Insulation • PVC Inner Jacket • Matte Black Flexible PVC Outer Jacket • Category 5e																					
 Rip Cord 4-Pairs EtherCon® compatible	1305A		1000	305	39.9	18.1	0.61 mm 24 AWG (7x32) BC	0.037	0.95	Bonded-Pair Unshielded U/UTP	0.295	7.49	1	2.4	62.3	63.3	60.8	100±12	20.0		
			500	152	19.8	9.0									4	4.9	53.3	52.3	48.7	100±12	23.0
															8	6.9	48.8	46.1	42.7	100±12	24.5
															10	7.8	47.3	43.9	40.8	100±12	25.0
															16	9.9	44.3	39.1	36.7	100±12	25.0
															25	12.5	41.3	34.1	32.8	100±15	24.3
															31.25	14.1	39.9	31.3	30.9	100±15	23.6
															62.5	20.4	35.4	21.6	24.8	100±15	21.5
															100	26.4	32.3	17.1	20.8	100±18	20.1
															300	48.6	28.2	-	11.2	100±20	18.0
														350	53.2	27.2	-	9.9	100±22	17.0	

RJ-45 Compatible • -40°C Cold Bend
 U.S. Patents 5,606,151 and 5,734,126
 Color Code: see chart below

Jacket sequentially marked at 0.6 m intervals
 Third party verified to TIA/EIA-568-B.2, Category 5e

BC = Bare Copper • DCR = DC resistance • ACR = Attenuation Crosstalk Ratio • ELFEXT = Equal Level Far-end Crosstalk • NEXT = Near-end Crosstalk • PSUM = Power Sum • RL = Return Loss

EtherCon® is a Neutrik trademark.

Color Code

Pair No.	Color
1	White/Blue Stripe, Blue
2	White/Orange Stripe, Orange
3	White/Green Stripe, Green
4	White/Brown Stripe, Brown