

Composite Data, Audio, Video, Security and Control Cables

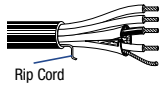
Multimedia Control Cables



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

Control • **(1) Data** 22 AWG Stranded (7x30) 0.8 mm TC • Twisted Pair with **Beldfoil®** Shield • 24 AWG TC Drain Wire • **(2) Power** 18 AWG (16x30) TC Unshielded Pair • Rip Cord

HDFPE Insulation (Data) • F-R PVC Insulation (Power) • F-R PVC Jacket (Black, White and Aqua)																
300V 75°C	1502R	NEC: CMR CEC: CMG FT4	500	152	20.1	9.1	–	Beldfoil®	0.250	6.35	1xData	1-Pair 22 AWG 0.8 mm (7x30) TC	Overall Beldfoil® 100% + Drain Wire (24 AWG TC)	HDFPE Blue White	–	–
											1xPower	2 Conductors 18 AWG 1.2 mm (16x30) TC	Unshielded	F-R-PVC Red Black	–	–
1 STP + 2 CDR Sequential footing marking every 0.6 m.																
Pulling Tension: 266 N																



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			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	MHz	dB/100 ft.	dB/100 m
22 AWG • Solid 0.6 mm Bare Copper • Twisted Pair																			
Polyolefin Insulation • White FRNC/LSNH Jacket																			
80°C	7701NH	IEC 33203C BS 7655	1000	305	10.6	4.8	0.64 mm 22 AWG Solid BC	0.046	1.17	Unshielded	0.138	3.50	100	68%	14.0	46.0	0.772	0.4	1.3
																1	0.5	1.5	
																4	0.9	3.1	
																10	1.5	4.9	
																16	1.9	6.3	
																20	2.1	6.9	
Color Code: White/Blue and Blue/White																			
LonWorks																			

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

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

20 AWG • Solid 0.8 mm Bare Copper • Twisted Pair • Plastic Foil • 26 AWG Bare Copper Drain Wire

PVC Insulation • Green F-R PVC Jacket																			
300V RMS 70°C	YE00820	NEC:	100	30	11.5	5.2	0.81 mm	0.056	1.43	Overall Alu-foil + Drain Wire (26 AWG BC)	0.276	7.00	-	73	CDR/CDR	30.0	100.0	Red, Black	
		CMR	500	152	57.3	26.0	20 AWG									CDR/SCR	91.0	300.0	White, Yellow
		CEC:	1000	305	114.6	52.0	Solid BC												
		CMR FT4																	



EIB/KNX

Pulling Tension: 50 N

PVC Insulation • Green F-R LSNH/FRNC Jacket																			
300V RMS 70°C	YE00906	NEC:	100	30	12.3	5.6	0.81 mm	0.063	1.60	Overall Alu-foil + Drain Wire (26 AWG BC)	0.283	7.20	-	73	CDR/CDR	30.0	100.0	Red, Black	
		CMR	500	152	61.7	28.0	20 AWG									CDR/SCR	91.0	300.0	White, Yellow
		CEC:	1000	305	123.5	56.0	Solid BC												
		CMR FT4																	



EIB/KNX

Pulling Tension: 50 N

16 AWG • Stranded (19x29) 1.5 mm Tinned Copper • Twisted Pair

PVC Insulation • Chrome PVC Jacket																			
300V 60°C UL AWM Style 2598	8471	NEC:	U-500	U-152	21.0	9.5	1.47 mm	0.105	2.67	Unshielded	0.274	6.96	-	-	CDR/CDR	30.0	100.0	Black, White	
		CMG	500	152	20.0	9.1	16 AWG												
		CEC:	U-1000	U-305	41.0	18.6	(19x29) TC												
		CMG FT4	1000	305	43.0	19.5													



LonWorks

Pulling Tension: 271 N

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