

Broadband Coaxial Cables

CATV Cables, Series 6, Low-Smoke Zero-Halogen

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
Series 6 • 18 AWG • Solid 1.0 mm Copper-Covered Steel • Duobond® II • 60% Aluminum Braid																			
Gas-Injected Foam Polyethylene Insulation • Black FRNC/LSNH Jacket																			
75°C	9116SB	NEC: CEC: CMG-LS FT4 Limited Smoke	1000	305	31.1	14.1	1.02 mm 18 AWG Solid CCS 121.4 Ω/km* 91.9 Ω/km**	0.180	4.57	Duobond® II + 60% AL Braid 29.5 Ω/km*** 5.4 mm	0.274	6.96	75	83%	16.2	53.1	5	0.54	1.77
																	55	1.45	4.76
																	211	2.64	8.66
																	270	2.97	9.74
																	300	3.13	10.27
																	350	3.39	11.12
																	375	3.52	11.55
																	400	3.65	11.97
																	450	3.88	12.73
																	500	4.09	13.42
																	600	4.51	14.80
																	650	4.72	15.49
																	700	4.92	16.14
																	750	5.11	16.76
																	800	5.27	17.29
																	862	5.47	17.95
																	870	5.49	18.01
																	900	5.60	18.37
																	950	5.79	19.00
																	1000	5.99	19.65
																	1450	7.80	25.60
																	1800	8.60	28.20
																	2250	9.82	32.20
																	3000	11.31	37.10

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • CCS = Copper-Covered Steel • AL = Aluminum

Precision Video Cable for Analog and Digital

Low Loss Serial Digital Coax, RG-6U Type, Low-Smoke Zero-Halogen

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
RG-6/U Type • 18 AWG • Solid 1.0 mm Bare Copper • Duofoil® • 95% Tinned Copper Braid																			
Gas-injected Foam HDPE Insulation • Black FRNC/LSNH Jacket																			
SDI/HDTV Digital Video 75°C	1694SB	NEC: CEC: CMG-LS FT4 Limited Smoke	1000	305	46.0	20.9	1.02 mm 18 AWG Solid BC 30.2 Ω/km* 21.0 Ω/km**	0.180	4.57	Duofoil® + 95% TC Braid 9.2 Ω/km***	0.274	6.96	75	82%	16.2	53.1	1	0.2	0.8
																	3.6	0.5	1.5
																	10	0.7	2.4
																	71.5	1.6	5.2
																	135	2.1	6.9
																	270	3.0	9.7
																	360	3.4	11.3
																	540	4.2	13.9
																	720	4.9	16.2
																	750	5.0	16.4
																	1000	5.9	19.3
																	1500	7.3	24.0
																	2250	9.1	30.0
																	3000	10.7	35.0
																	4500	13.3	43.6

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • BC = Bare Copper • TC = Tinned Copper