

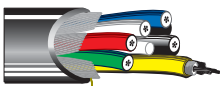


Specifications – M59 Cable

Description Part No. (length) Model	UL NEC/ C(UL) CEC UL AWM	No. of Cond.	Standard Lengths		Shipping Weights		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials (% coverage) Nom. DCR	Nominal OD		Nom. Imp. (ohms)	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
(3, 5, or 6) 24 AWG Coax • Aluminum Foil (100%) + Tinned Copper Serve Shield																			
Nonplenum Cable • Gas-injected Foamed Polyethylene Insulation • PVC Inner Jackets • Gray PVC Outer Jacket																			
22-185-02 (500') M59-3  Min. bend radius: 4.0"	NEC CM UL-1581 CSA FT4	3 coax	500	152.4	56	25.4	24 AWG (7/32) 0.024" 0.61 mm Tinned Cu 26 ohms/ 1k ft, 135 ohms/ 1 km	0.110	2.79	Tinned Cu Braid (95%) 6.9 ohms/ 1k ft, 22.6 ohms/ 1 km	Single: 0.162 4.11		75	83%	17.3	56.7	Nominal Attenuation		
											Overall: 0.402 10.21 gray						1	-0.4	-1.3
22-127-02 (500') M59-5  Min. bend radius: 5.5"	NEC CM UL-1581 CSA FT4	5 coax	500	152.4	93	42.2	Same as above	0.110	2.79	Same as above.	Single: 0.162 4.11		75	83%	17.3	56.7	Nominal Attenuation		
											Overall: 0.536 13.61 gray						5	-0.9	-2.8
22-133-02 (500') M59-6  Min. bend radius: 6.0"	NEC CM UL-1581 CSA FT4	6 coax	500	152.4	111	50.3	Same as above	0.110	2.79	Same as above.	Single: 0.162 4.11		75	83%	17.3	56.7	Nominal Attenuation		
											Overall: 0.584 14.83 gray						6	-1.0	-3.0
Sweep tested 5 MHz to 1 GHz.																	10	-1.3	-4.0
																	30	-2.8	-6.7
																	50	-2.8	-8.5
																	100	-4.0	-12.2
																	200	-5.8	-17.7
																	400	-8.3	-25.3
																	700	-11.2	-34.2
																	900	-12.8	-39.0
																	1000	-13.5	-41.2
																	3000	-31.0	-94.7

Limited Lifetime Performance Warranty