Specifications — RG59 Cable

Extron

Description Part No. (length) Model	UL NEC/ C(UL) CEC UL AWM Temp.	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
(1) 20 AWG Coax • Aluminum Foil (100%) + Tinned Copper Braid Shield																			
Nonplenum Cable • Gas-injected Foamed Polyolefin Insulation • PVC Inner Jackets • Gray PVC Outer Jacket																			
22-145-02 (500') **22-145-03 (1000')** **RG59**  Min. bend radius: 2.0"	NEC CM UL 1581 CSA FT4 75 °C	1 coax	500 1000	152.4 304.8	16 37	8 17	20 AWG (solid) 0.032" 0.81 mm, Solid Cu 10.1 ohms/ 1k ft, 33 ohms 1 km	0.145	3.68	Alum. Foil (100%) Tinned Cu Braid (95%) 3.8 ohms/ 1k ft, 12.5 ohms/ 1 km	Overall: 0.235 5.97 gray		75 Sweep tested 5 MHz to 1 GHz.	83%	16.1	52.8	1 5 10 20 50 71 100 135 180 200 270 400 750 1000 3000	-0.3 -0.6 -0.9 -1.2 -1.3 -2.1 -2.3 -2.7 -3.0 -3.2 -3.8 -4.7 -6.5 -7.8 -17.2	-1.0 -1.8 -2.9 -3.8 -4.1 -6.9 -7.5 -8.8 -9.1 -9.8 -12.5 -15.4 -21.3 -25.6 -55.8
Plenum Cable • Gas-injected Foamed FEP Insulation • FEP Inner Jackets • Blue Fire-resistant PVC Outer Jacket																			
22-146-02 (500') **22-146-03 (1000')** **RG59P**  Min. bend radius: 4.0"	NEC CMP UL 910 75 °C	1 coax	500 1000	152.4 304.8	14 29	7 13	20 AWG (solid) 0.032" 0.81 mm, Solid Cu 10.1 ohms/ 1k ft, 33 ohms 1 km	0.140	3.56	Alum. Foil (100%) Tinned Cu Braid (95%) 2.7 ohms/ 1k ft, 8.6 ohms/ 1 km	Overall: 0.204 5.18 reflex blue		75 Sweep tested 5 MHz to 1 GHz.	84%	16.1	52.8	1 5 10 20 50 71 100 135 180 200 270 400 750 1000 3000	-0.3 -0.6 -1.0 -1.2 -1.3 -2.2 -2.5 -3.2 -3.3 -3.5 -4.5 -5.4 -7.3 -9.4 -19.4	-1.0 -2.0 -3.3 -3.9 -4.2 -7.2 -8.3 -10.5 -10.8 -11.4 -14.8 -17.5 -23.9 -30.8 -56.9