

Security Coaxial Cables

Surveillance and CCTV Applications
Shielded or Flooded for Use in Underground Ducts



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	
20 AWG • Solid 0.8 mm Bare Copper • 95% Bare Copper Braid																				
Gas-Injected Foam PE Insulation • Grey FRNC/LSNH Jacket																				
70°C	443945	IEC 60754-2	328 1640	100 500	10.6 52.5	4.8 23.8	0.81 mm 20 AWG Solid BC 32.8 \square /km* 21.4 \square /km**	0.145	3.68	95% BC Braid 11.4 \square /km***	0.232	5.90	75	83%	16.3	53.5	1	0.3	1.0	
RG-59																				
															Nominal Delay: 3.97 ns/m		Pulling Tension: 218 N			
																	5	0.7	2.1	
																	10	2.0	3.0	
																	50	1.9	6.2	
																	100	2.6	8.5	
																	200	3.6	11.8	
																	400	5.0	16.4	
																	700	7.0	23.0	
																	900	8.0	26.2	
																	1000	8.5	27.9	
18 AWG • Solid 1.0 mm Bare Copper • 95% Bare Copper Braid																				
Foam PE Insulation • PVC Jacket (White or Black)																				
75°C	533945	NEC: CM CEC: CM FT1	500 U-1000	152 U-305	20.9 39.9	9.5 18.1	1.02 mm 18 AWG Solid BC 20.9 \square /km* 10.8 \square /km**	0.180	4.57	95% BC Braid 10.1 \square /km***	0.266	6.76	75	83%	16.3	53.5	1	0.2	0.7	
RG-6																				
															Nominal Delay: 4.003 ns/m		Pulling Tension: 507 N			
																	5	0.5	1.5	
																	10	2.0	2.1	
																	50	1.5	4.8	
																	100	2.1	6.9	
																	200	3.0	9.8	
																	400	4.3	14.1	
																	700	5.8	19.0	
																	900	6.7	22.0	
																	1000	7.1	23.3	
Gas-Injected Foam PE Insulation • Grey FRNC/LSNH Jacket																				
70°C	433945	IEC 60754-2	328 1640	100 500	13.4 67.2	6.1 30.5	1.02 mm 18 AWG Solid BC 20.9 \square /km* 10.8 \square /km**	0.180	4.57	95% BC Braid 10.1 \square /km***	0.266	6.75	75	83%	16.3	53.5	see above			
RG-6																				
															Nominal Delay: 4.003 ns/m		Pulling Tension: 507 N			
14 AWG • Solid 1.6 mm Bare Copper • 95% Bare Copper Braid																				
Gas-Injected Foam PE Insulation • Black PVC Jacket																				
75°C	513945	NEC: CM CEC: CM FT1	500 1000	152 305	52.5 98.1	23.8 44.5	1.63 mm 14 AWG Solid BC 8.5 \square /km* 4.6 \square /km**	0.280	7.11	95% BC Braid 3.9 \square /km***	0.405	10.29	75	84%	16.1	52.8	1	0.2	0.6	
RG-11																				
															Nominal Delay: 3.97 ns/m		Pulling Tension: 640 N			
																	10	0.4	1.1	
																	50	0.9	3.0	
																	100	1.3	4.3	
																	200	1.9	6.2	
																	400	2.9	9.5	
																	700	4.1	13.5	
																	900	4.8	15.7	
																	1000	5.2	17.1	
Gas-Injected Foam PE Insulation • Grey FRNC/LSNH Jacket																				
70°C	413945	IEC 60754-2	500 1640	152 500	100.0 159.4	14.5 72.3	1.63 mm 14 AWG Solid BC 8.5 \square /km* 4.6 \square /km**	0.280	7.11	95% BC Braid 3.9 \square /km***	0.406	10.30	75	84%	16.1	52.8	see above			
RG-11																				
															Nominal Delay: 3.97 ns/m		Pulling Tension: 640 N			

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