

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	328	100	10.6	4.8	0.81 mm	0.145	3.68	95% BC	0.232	5.90	75	83%	16.3	53.5	1	0.3	1.0		
			60754-2	1640	500	52.5											23.8	20 AWG	11.4 Ω/km***	5	0.7
			RG-59	CM FT1	1000	305	41.0	18.6	Solid BC	0.180	4.57	95% BC	0.266	6.76	75	83%	16.3	53.5		10	2.0
																			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
Nominal Delay: 3.97 ns/m										Pulling Tension: 218 N											

18 AWG • Solid 1.0 mm Bare Copper • 95 % Bare Copper Braid

Foam PE Insulation • PVC Jacket (White or Black)																					
75°C	533945	NEC:	500	152	20.9	9.5	1.02 mm	0.180	4.57	95% BC	0.266	6.76	75	83%	16.3	53.5	1	0.2	0.7		
			CM	U-1000	U-305	39.9											18.1	18 AWG	10.1 Ω/km***	5	0.5
			RG-6	CM FT1	1000	305	41.0	18.6	Solid BC	0.180	4.57	95% BC	0.266	6.76	75	83%	16.3	53.5		10	2.0
																			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
Nominal Delay: 4.003 ns/m										Pulling Tension: 507 N											

Gas-Injected Foam PE Insulation • Grey FRNC/LSNH Jacket																					
70°C	433945	IEC	328	100	13.4	6.1	1.02 mm	0.180	4.57	95% BC	0.266	6.75	75	83%	16.3	53.5	see above				
			60754-2	1640	500	67.2											30.5	18 AWG	10.1 Ω/km***		
			RG-6	CM FT1	1000	305	41.0	18.6	Solid BC	0.180	4.57	95% BC	0.266	6.76	75	83%	16.3	53.5		10	2.0
																			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
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:	500	152	52.5	23.8	1.63 mm	0.280	7.11	95% BC	0.405	10.29	75	84%	16.1	52.8	1	0.2	0.6		
			CM	1000	305	98.1											44.5	14 AWG	3.9 Ω/km***	10	0.4
			RG-11	CM FT1	1000	305	41.0	18.6	Solid BC	0.280	7.11	95% BC	0.405	10.30	75	84%	16.1	52.8		50	0.9
																			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
																			Nominal Delay: 3.97 ns/m		

Gas-Injected Foam PE Insulation • Grey FRNC/LSNH Jacket																					
70°C	413945	IEC	500	152	100.0	14.5	1.63 mm	0.280	7.11	95% BC	0.406	10.30	75	84%	16.1	52.8	see above				
			60754-2	1640	500	159.4											72.3	14 AWG	3.9 Ω/km***		
			RG-11	CM FT1	1000	305	41.0	18.6	Solid BC	0.280	7.11	95% BC	0.405	10.29	75	84%	16.1	52.8		50	0.9
																			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
																			Nominal Delay: 3.97 ns/m		

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