

Security Coaxial Cables

Water-Blocked 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 • Duobond® II • 95 % Tinned Copper Braid • CoreGuard®																			
Gas-Injected Foam PE Insulation • Black UV-Resistant PVC Jacket																			
75°C	5439W5	NEC:	U-500	U-152	17.4	7.9	0.81 mm	0.145	3.68	Duobond® II + 95% TC Braid 8.2 Ω/km***	0.236	5.99	75	83%	16.3	53.5	1	0.3	1.0
		CM	500	152	17.4	7.9	20 AWG	5	0.6								2.1		
		CEC:	U-1000	U-305	34.0	15.4	Solid BC	10	2.0								2.9		
		CM FT1	1000	305	34.0	15.4	32.8 Ω/km*	50	1.7								5.6		
							24.6 Ω/km**	100	2.3								7.5		
						200	3.4	11.2								400	4.7	15.4	
																	700	6.3	20.7
																	900	7.3	24.0
																	1000	7.8	25.6
RG-59			Nominal Delay: 3.97 ns/m				Pulling Tension: 253 N												

18 AWG • Solid 1.0 mm Bare Copper • Duofoil® • 60 % Aluminum Braid • CoreGuard®

Gas-Injected Foam PE Insulation • Black UV-Resistant PVC Jacket																			
75°C	5339W5	NEC:	U-500	U-152	15.4	7.0	1.02 mm	0.180	4.57	Duofoil® + 60% AL Braid 10.1 Ω/km***	0.270	6.86	75	83%	16.3	53.5	4	0.6	2.0
		CM	500	152	15.4	7.0	18 AWG	30	1.3								4.4		
		CEC:	U-1000	U-305	30.0	13.6	Solid BC	211	2.0								10.1		
		CM FT1	1000	305	30.0	13.6	20.9 Ω/km*	270	3.5								11.5		
							10.8 Ω/km**	300	3.7								12.1		
						330	3.9	12.8									400	4.3	14.1
																	450	4.6	15.0
																	550	5.1	16.7
																	750	6.0	19.7
																	870	6.5	21.3
																	1000	7.0	23.0
RG-6			Nominal Delay: 3.97 ns/m				Pulling Tension: 302 N												

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

Duofoil® and Duobond® II see technical information page 23.13.