

# Security Coaxial Cables

CATV and MATV Applications Commercial or Schlage Systems



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

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

Gas-Injected Foam PE Insulation • PVC Jacket (White or Black)																			
75°C	5339B5	NEC:	U-500	U-152	17.4	7.9	1.02 mm	0.180	4.57	Duofoil® + 60% AL Braid 10.1 Ω/km***	0.266	6.76	75	83%	16.3	53.5	5	0.8	2.7
		CM:	500	152	15.4	7.0	18 AWG	211	1.6								5.3		
		CEC:	U-1000	U-305	34.0	15.4	Solid BC	270	2.0								10.1		
		CM FT1	1000	305	35.1	15.9	20.9 Ω/km*	300	3.5								11.5		
							10.8 Ω/km**	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

Series 6  
RG-6

Also available in White. Nominal Delay: 3.97 ns/m  
Pulling Tension: 302 N

Gas-Injected Foam PE Insulation • Grey FRNC/LSNH Jacket																			
70°C	4339B5	IEC:	328	100	11.9	5.4	1.02 mm	0.180	4.57	Duofoil® + 63% BC Braid 10.1 Ω/km***	0.272	6.90	75	83%	16.3	53.5	see above		
		60754-2	1640	500	59.3	26.9	18 AWG												
		IEC 332-1					Solid BC												
							20.9 Ω/km*												

Series 6  
RG-6

Nominal Delay: 3.97 ns/m  
Pulling Tension: 302 N

## 18 AWG • Solid 1.0 mm Bare Copper • Quad Shield

Gas-Injected Foam PE Insulation • PVC Jacket (White or Black)																			
75°C	5339Q5	NEC:	500	152	19.0	8.6	1.02 mm	0.180	4.57	Duofoil® + 60% AL Braid Duofoil® + 40% AL Braid 10.1 Ω/km***	0.298	7.57	75	83%	16.3	53.5	see above		
		CM:	U-1000	U-305	35.9	16.3	18 AWG												
		CEC:	1000	305	35.9	16.3	Solid BC												
		CM FT1					20.9 Ω/km*												
							10.8 Ω/km**												

Series 6  
RG-6

Nominal Delay: 3.97 ns/m  
Pulling Tension: 462 N

Gas-Injected Foam PE Insulation • Grey FRNC/LSNH Jacket																			
70°C	4339Q5	IEC:	328	100	12.3	5.6	1.02 mm	0.180	4.57	Duofoil® + 60% AL Braid Duofoil® + 40% AL Braid 10.1 Ω/km***	0.299	7.60	75	83%	16.3	53.5	see above		
		60754-2	1640	500	62.6	28.4	18 AWG												
		IEC 332-1					Solid BC												
							20.9 Ω/km*												

Series 6  
RG-6

Nominal Delay: 3.97 ns/m  
Pulling Tension: 462 N

## 18 AWG • Solid 1.0 mm Bare Copper • Duobond® (Schlage Systems) • 60% Aluminum Braid

Foam PE Insulation • Black PVC Jacket																			
75°C	5399B5	NEC:	U-1000	U-305	28.0	12.7	1.02 mm	0.180	4.57	Duobond® + 60% AL Braid 10.1 Ω/km***	0.270	6.86	75	83%	16.3	53.5	4	0.6	2.0
		CM:	1000	305	29.1	13.2	18 AWG	30	1.3								4.4		
		CEC:					Solid BC	211	2.0								10.1		
		CM FT1					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

Series 6  
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

Quad Shield = Duofoil Tape + 60% Aluminum Braid + Duofoil Tape + 40% Aluminum Braid  
Duofoil® and Duobond® see technical information page 23.13.