

RG 59 Serial Digital Interface Cable

75 Ohm High-End Coaxial Cables for Video, Analog & Digital Applications

Product Construction:

Conductors:

- Copper per ASTM B-3

Insulation/Core:

- Foam polyethylene (PE) designs
- Foam fluoropolymer (FEP) design

Shield:

- Tinned copper braid
- Flexfoil® shield

Jacket:



- Premium PVC compound

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- Suitable for RF signal transmission
- Broadcast-grade
- MATV
- CATV
- Precision video-analog/digital
- Serial digital interface cable (SDI)
- See Coax Connector Cross Reference, pages 192-199

CATALOG NUMBER	AWG SIZE NOM. DCR	INSULATION MATERIAL		SHIELD COVERAGE NOM SHLD DCR	NOMINAL O.D.		NOMINAL CAPACITANCE		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, Ω	NOMINAL ATTENUATION		
		INCHES	mm		INCHES	mm	pF/ft	pF/m			MHz	dB/100'	
395025 RG 59/U Type UL CMR c(UL) CMG 	20 Ga. Solid Bare Copper 10.5 Ω/Mft.	Foam PE		Bi-Metal Foil +95% Tinned Copper Braid Shield 3.5 Ω/Mft.	Flame-Retardant PVC		16.30	53.40	83	75	1	0.29	
		0.146	3.71		0.242	6.15					135	2.70	
495023 RG 59/U Type UL CMP c(UL) CMP 	20 Ga. Solid Bare Copper 10.5 Ω/Mft.	Fluoropolymer		Bi-Metal Foil +95% Tinned Copper Braid Shield 3.2 Ω/Mft.	Plenum PVC		16.10	53.00	84	75	1	0.29	
		0.135	3.43		0.199	5.05					10	1.03	
												50	1.88
												100	2.50
												200	3.85
												400	5.53
												540	6.40
												1000	8.56
												2250	17.50
												3000	21.90