

# RG 59/U Serial Digital Interface Cable

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

**Product Construction:****Conductors:**

- Copper per ASTM B3

**Insulation/Core:**

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

**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)

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	
		in	mm		in	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.	Flexguard® PVC		16.10	53.00	84	75	1	0.29
		0.135	3.43		0.199	5.05					10	1.03
495028† RG 59/U Type UL CMP c(UL) CMP 	20 Ga. Solid Bare Copper 10.5 Ω/ Mft.	Fluoropolymer		95% Bare Copper Braid Shield 2.7 Ω/Mft.	Flexguard® PVC		16.00	52.50	84	75	1	0.24
		0.139	3.43		0.197	5.00					10	1.41
											50	1.83
											100	2.64
											200	3.84
											400	5.64

Data subject to change.