

# RG 59/U Type

**Product Construction:**

**Conductors:**

- Copper per ASTM B-3
- Copper-clad steel per ASTM B-869
- Twisted pair color code: black and red

**Insulation/Core:**

- Solid and foam polyethylene (PE) designs

**Shield:**

- Tinned, bare copper or aluminum braid
- Flexfoil® shield

**Jacket:**




- Premium PVC compound

**Packaging:**

- Please contact Customer Service for packaging and color options

**Applications:**

- Suitable for RF signal transmission
- MATV
- CATV
- CCTV†
- Local Area Network
- Monitor/VDT display
- Analog video
- Digital video
- 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'
<b>C1110</b> <b>RG 59/U Type</b> <b>UL 1354</b> 	22 Ga. Solid Copper-Clad Steel 73.4 Ω/Mft.	Solid PE		70% Bare Copper Braid 4.5 Ω/Mft.	Black PVC		22.00	72.18	66	73	1	0.41
		0.146	3.71		0.242	6.15					10	0.99
<b>C1112</b> <b>RG 59/U Type</b> 	22 Ga. Solid Copper-Clad Steel 73.4 Ω/Mft.	Foam PE		70% Bare Copper Braid 4.5 Ω/Mft.	Black PVC		16.30	53.48	78	80	1	0.42
		0.146	3.71		0.242	6.15					10	0.92
<b>C8025†</b> <b>RG 59/U Type</b> <b>+22 AWG Shielded Pair</b> <b>UL CL2, CATV, CM</b> <b>c(UL) CM</b> 	22 AWG (7/30) Bare Copper Coax  22 AWG (7/30) Shielded Pair	Foam PE		95% Bare Copper Braid	Black PVC		17.00	57.78	78	76	1	0.26
		0.144	3.66		0.242	6.147					10	0.91
		Premium PVC		100% Flexfoil® Al/PP Shielded	0.445	11.30					50	2.90
		0.013	0.33		100	3.00						
											200	4.33
											500	7.03
											1000	10.64