

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'	
C1110 RG 59/U Type 1354 	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	
											50	2.38	
											100	3.49	
											200	5.09	
											500	8.43	
											1000	13.03	
											1450	15.69	
											1800	17.48	
											2200	19.33	
											3000	22.57	
C1112 RG 59/U Type 	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	
											50	2.10	
											100	2.90	
											200	4.10	
											500	6.60	
											1000	9.30	
											1450	11.20	
											1800	12.48	
											2200	13.79	
											3000	16.11	
C8025† RG 59/U Type +22 AWG Shielded Pair UL CL2, CATV, CM c(UL) CM 	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 X 0.445	6.147 X 11.30					10	0.91	
		Premium PVC		100% Flexfoil® Al/PP Shielded								200	2.90
		0.013	0.33									500	7.03
											1000	10.64	