

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
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	50	2.38
		0.146	3.71		0.242	6.15					100	3.49
C8025† RG 59/U Type +22 AWG Shielded Pair UL CL2, CATV, CM c(UL) CM 	22 AWG (7/30) Bare Copper Coax	Foam PE		95% Bare Copper Braid	Black PVC		17.00	57.78	78	76	1	0.26
		0.144	3.66		0.242 X	6.147 X					10	0.91
C8025† RG 59/U Type +22 AWG Shielded Pair UL CL2, CATV, CM c(UL) CM 	22 AWG (7/30) Shielded Pair	Premium PVC		100% Flexfoil® Al/PP Shielded	Black PVC		17.00	57.78	78	76	50	2.90
		0.013	0.33		0.445	11.30					100	3.00
C8025† RG 59/U Type +22 AWG Shielded Pair UL CL2, CATV, CM c(UL) CM 	22 AWG (7/30) Shielded Pair	Premium PVC		100% Flexfoil® Al/PP Shielded	Black PVC		17.00	57.78	78	76	200	4.33
		0.013	0.33		0.445	11.30					500	7.03
C8025† RG 59/U Type +22 AWG Shielded Pair UL CL2, CATV, CM c(UL) CM 	22 AWG (7/30) Shielded Pair	Premium PVC		100% Flexfoil® Al/PP Shielded	Black PVC		17.00	57.78	78	76	1000	10.64
		0.013	0.33		0.445	11.30					1000	10.64