

RG 59/U Type

Product Construction:

Conductors:

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

Insulation/Core:

- Foam polyethylene (PE) design

Shield:

- 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/VDI display
- Direct burial
- 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'
C3526 RG 59/U Type Plenum UL CL2P, CMP c(UL) CMP 	20 Ga. Solid Copper-Clad Steel 45.9 Ω/Mft.	Fluoropolymer		100% Flexfoil® +65% Aluminum Braid 10.7 Ω/Mft.	Flexguard® Natural		16.00	52.50	84	75	1	0.34
		0.135	3.429		0.202	5.13					10	1.07
C3527 RG 59/U Type Quad-Shield Plenum UL CL2P, CMP c(UL) CMP 	20 Ga. Solid Copper-Clad Steel 45.9 Ω/Mft.	Fluoropolymer		(2) 100% Flexfoil® (1) 60% (2) 40% Aluminum Braid 6.3 Ω/Mft.	Flexguard® Natural		16.00	52.50	84	75	1	0.34
		0.135	3.429		0.235	5.97					10	1.07
C3500 RG 59/U Type Plenum UL CL2P, CMP c(UL) CMP 	20 Ga. Solid Copper-Clad Steel 45.9 Ω/Mft.	Fluoropolymer		95% Bare Copper Braid 1.9 Ω/Mft.	Flexguard® PVC Natural		16.50	54.14	83	75	1	0.78
		0.145	3.68		0.201	5.11					10	1.90
C8027† RG 59/U Type +18 AWG Shielded Pair UL CL2, CATV, CM c(UL) CM 	22 AWG (7/30) Bare Copper Coax 18 AWG (16/30) Shielded Pair	Foam PE		95% Bare Copper Braid	Black PVC		17.00	55.78	78	76	1	0.26
		0.144	3.66		0.242	6.15					10	0.91
		Premium PVC		125% Flexfoil® Al/PP Shielded	X	X					50	2.09
		0.016	0.41		0.480	12.19					100	3.00
C8028† RG 59/U Type +18 AWG Unshielded Pair UL CL2, CATV, CM c(UL) CM 	20 AWG Solid Bare Copper Coax 18 AWG (7/26) Unshielded Pair	Foam PE		95% Bare Copper Braid	Black PVC		16.20	53.15	78	71	1	0.25
		0.144	3.66		0.238	6.05					10	0.78
		Premium PVC		Unshielded Pair	X	X					50	1.97
		0.010	0.25		0.440	11.18					100	2.70
											200	3.97
											500	6.35
											1000	9.15