

RG 59/U Type

Product Construction:

Conductors:

- Copper-clad steel per ASTM B869
- Copper per ASTM B3
- Twisted pair color code: black and red

Insulation/Core:

- Foam polyethylene (PE)

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
- CCTV+
- Local Area Network
- Monitor/VDT display

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'										
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® +80% Aluminum Braid 10.7 Ω/Mft.	Flexguard® PVC		16.00	52.50	84	75	1	0.34										
		0.135	3.429		0.202	5.13					10	1.07	50	1.77	100	2.50	200	3.53	500	5.98	1000	8.45
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		16.50	54.14	83	75	1	0.78										
		0.135	3.429		0.201	5.11					10	1.90	50	1.98	100	2.80	200	4.10	500	6.82	1000	9.64
C8027+ RG 59/U Type +18 AWG Shielded Pair UL CL2, CM c(UL) CM 	22 AWG (7/30) Bare Copper Coax 18 AWG (16/30) Shielded Pair	Foam PE		95% Bare Copper Braid	PVC		17.00	55.78	78	76	1	0.26										
		0.144	3.66		0.242	6.15					10	0.91	50	2.09	100	3.00	200	4.33	500	7.03	1000	10.64
		Premium PVC		125% Flexfoil® Al/PP Shielded	0.480	12.19																
		0.016	0.41																			
C8028+ RG 59/U Type +18 AWG Unshielded Pair UL CL2, CM c(UL) CM 	20 AWG Solid Bare Copper Coax 18 AWG (7/26) Unshielded Pair	Foam PE		95% Bare Copper Braid	PVC		16.20	53.15	78	71	1	0.25										
		0.144	3.66		Unshielded Pair	0.238					6.05	10	0.78	50	1.97	100	2.70	200	3.97	500	6.35	1000
		Premium PVC		0.440		11.18																
		0.010	0.25																			

Data subject to change.

