

RG 8/U Type

Product Construction:

Conductors:

- Copper per ASTM B-3

Insulation/Core:

- Solid and cellular polyethylene designs

Shield:

- Tinned or bare copper braid
- Flexfoil® shield

Jacket:

- Premium PVC compound

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- Suitable for RF signal transmission
- Broadcast
- 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'	
C1108A RG 8/U Mini Type UL CL2, CM CSA CMG 	16 Ga. (19/28) Bare Copper 4.2 Ω/Mft.	Foam PE		95% Bare Copper Braid 3.3 Ω/Mft.	Black PVC		25.30	83.01	80	50	1	0.26	
		0.155	3.94		0.242	6.15					10	0.98	
C1154 RG 8/U Type JAN-C-17A TYPE 	13 Ga. (7/21) Bare Copper 1.9 Ω/Mft.	Solid PE		95% Bare Copper Braid 1.2 Ω/Mft.	Black PVC		29.50	96.79	66	52	1	0.16	
		0.285	7.24		0.405	10.29					50	0.56	
C1198 RG 8/U Type 	11 Ga. (19/24) Bare Copper 1.9 Ω/Mft.	Foam PE		95% Bare Copper Braid 1.1 Ω/Mft.	Black PVC		26.00	85.31	78	50	1	0.17	
		0.285	7.24		0.405	10.29					50	0.57	
C1180 RG 8/U Type 	9½ Ga. Solid Bare Copper 0.90 Ω/Mft.	Semi-Solid PE		100% Flexfoil® Bonded +88% Tinned Copper Braid 1.8 Ω/Mft.	Black PVC		24.60	80.71	84	50	1	0.13	
		0.285	7.24		0.405	10.29					10	0.40	
												50	0.90
												100	1.30
												200	1.80
												500	3.00
												1000	4.50