

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 1354 	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 1354 	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	50	2.30
		0.285	7.24		0.405	10.29					100	3.30
C1198 RG 8/U Type 1354 	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	200	4.90
		0.285	7.24		0.405	10.29					500	8.50
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	1000	14.30
		0.285	7.24		0.405	10.29					1	0.13
											10	0.40
											50	0.90
											100	1.30
											200	1.80
											500	3.00
											1000	4.50

RG 8/U Type Thicknet/Trunk Cable

50 Ohm IEEE 802.3 and ISO/IEC 8802.3 10 Base 5 LAN and Computer Cables

Product Construction:

Conductors:

- Copper per ASTM B-3

Insulation/Core:

- Foam polyethylene (PE) design
- Foam fluoropolymer (FEP) design

Shield:

- Tinned copper braid
- Flexfoil® shield

Jacket:



- Premium PVC compound
- Premium fluoropolymer compound

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- LAN & data transmission computer cables
- Thicknet/trunk cable – IEEE 802.3 and ISO/IEC 8802.3 10 base 5 LAN computer cables
- 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'
397001 RG 8/U Type THICKNET DEC 17-000451-00 UL CM c(UL) 	12 Ga. Solid Bare Copper 1.42 Ω/Mft.	Foam PE		Quad Shield Dual Flexfoil® 94% Tinned Copper Braid + Dual Flexfoil® 94% Tinned Copper Braid 1.52 Ω/Mft.	Yellow Flame-Retardant PVC		26.00	85.30	78	50	1	0.17
		0.245	6.22		0.405	10.29					5	0.37
497001 RG 8/U Type THICKNET DEC 17-000324-00 UL CMP c(UL) 	12 Ga. Solid Bare Copper 1.42 Ω/Mft.	Fluoropolymer		Quad Shield Dual Flexfoil® 94% Tinned Copper Braid + Dual Flexfoil® 94% Tinned Copper Braid 1.52 Ω/Mft.	Orange PVDF		25.00	82.00	84	50	10	0.51
		0.245	6.22		0.375	9.53					50	1.19
											100	1.75
											200	2.61
											400	3.97
											700	5.65
											900	6.67
											1000	7.14