

RG 58/U Type

Product Construction:

Conductors:

- Copper per ASTM B3
- Tinned copper per ASTM B33

Insulation/Core:

- Solid and foam polyethylene (PE)
- Solid and foam fluoropolymer (FEP)

Shield:

- Tinned copper braid

Jacket:






- Premium PVC compound

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- Suitable for RF signal transmission
- Broadcast
- LAN & data transmission

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'
C1155 RG 58 C/U Type MIL-C-17G Type 	20 Ga. (19/.0071) Tinned Copper 10.8 Ω/Mft.	Solid PE		95% Tinned Copper Braid 4.3 Ω/Mft.	Non-Contaminating PVC		30.80 101.05	66 50	1 10 50 100 200 500 1000	0.42 1.50 3.70 5.40 8.10 13.86 22.80		
		0.116	2.95		0.195	4.95						
C1166 RG 58/U Type JAN-C-17A Type 	20 Ga. Solid Bare Copper 10.1 Ω/Mft.	Solid PE		95% Tinned Copper Braid 4.3 Ω/Mft.	PVC		30.00 98.43	66 50	1 10 50 100 200 500 1000	0.40 1.20 2.90 4.20 6.00 10.17 16.50		
		0.116	2.95		0.195	4.95						
C1188 RG 58 A/U Type UL CL2, CM CSA CMG 	20 Ga. (19/32) Tinned Copper 9.5 Ω/Mft.	Foam PE		95% Tinned Copper Braid 4.3 Ω/Mft.	PVC		26.00 85.31	78 50	1 10 50 100 200 500 1000	0.45 1.42 3.20 4.50 6.40 10.06 14.50		
		0.114	2.90		0.195	4.95						
C3519 RG 58/U Type Plenum UL CL2P, CMP c(UL) CMP 	19 Ga. Solid Bare Copper 8.1 Ω/Mft.	Fluoropolymer		95% Tinned Copper Braid 5.5 Ω/Mft.	Flexguard® PVC		25.00 82.00	82 50	1 10 50 100 200 500 1000	0.40 1.30 2.80 3.90 6.00 9.50 13.50		
		0.102	2.59		0.161	4.09						
C1178A RG 58A/U Type JAN-C-17A Type 	20 Ga. (19/.0071) Tinner Copper 10.8 Ω/Mft	Solid PE		95% Tinned Copper Braid 4.3 Ω/Mft.	Black PVC		31.80 104.34	66 50	1 10 50 100 200 500 1000	0.42 1.50 3.70 5.40 8.10 13.96 22.80		
		0.116	2.95		0.195	4.95						

Data subject to change.

