

# RG 58/U Type

**Product Construction:**

**Conductors:**

- Copper per ASTM B-3
- Tinned copper per ASTM B-33

**Insulation/Core:**

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

**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
- 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'			
<b>C1117</b> <b>RG 58/U Type</b> 	20 Ga. Solid Bare Copper 10.1 Ω/Mft.	Solid PE		70% Tinned Copper Braid 6.0 Ω/Mft.	Black PVC		28.50	93.51	66	53	1	0.40			
		0.116	2.95		0.195	4.95					10	1.20	50	2.90	100
<b>C1155</b> <b>RG 58 C/U Type</b> <b>MIL-C-17G Type</b> 	20 Ga. (19/.0071) Tinned Copper 10.8 Ω/Mft.	Solid PE		95% Tinned Copper Braid 4.3 Ω/Mft.	Non-Contaminating Black PVC		30.80	101.05	66	50	1	0.42			
		0.116	2.95		0.195	4.95					10	1.50	50	3.70	100
<b>C1166</b> <b>RG 58/U Type</b> <b>JAN-C-17A Type</b> 	20 Ga. Solid Bare Copper 10.1 Ω/Mft.	Solid PE		95% Tinned Copper Braid 4.3 Ω/Mft.	Black PVC		30.00	98.43	66	50	1	0.40			
		0.116	2.95		0.195	4.95					10	1.20	50	2.90	100
<b>C1178</b> <b>RG 58A/U Type</b> <b>JAN-C-17A Type</b> 	20 Ga. (19/.0071) Tinned Copper 10.8 Ω/Mft.	Solid PE		95% Tinned Copper Braid 4.3 Ω/Mft.	Black PVC		31.80	104.34	66	50	1	0.42			
		0.116	2.95		0.195	4.95					10	1.50	50	3.70	100
<b>C1188</b> <b>RG 58 A/U Type</b> <b>UL CL2, CM</b> <b>CSA CMG</b> 	20 Ga. (19/32) Tinned Copper 9.5 Ω/Mft.	Foam PE		95% Tinned Copper Braid 4.3 Ω/Mft.	Black PVC		26.00	85.31	78	50	1	0.45			
		0.114	2.90		0.195	4.95					10	1.42	50	3.20	100
<b>C3519</b> <b>RG 58/U Type</b> <b>Plenum</b> <b>UL CL2P, CMP</b> <b>c(UL) CMP</b> 	19 Ga. Solid Bare Copper 8.1 Ω/Mft.	Fluoropolymer		95% Tinned Copper Braid 2.9 Ω/Mft.	Flexguard® PVC Natural		25.00	82.00	82	50	1	0.40			
		0.102	2.59		0.161	4.09					10	1.30	50	2.80	100