

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 1354  | 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 1354  | 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 1354  | 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.

