

RG 8/U Type

Product Construction:
Conductors:

- Copper per ASTM B3

Insulation/Core:

- Solid and cellular polyethylene

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

| 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' |
| 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. | PVC | | 25.30 83.01 | 80 | 50 | 1 10 50 100 200 500 1000 | 0.26 0.98 2.30 3.30 4.90 8.50 14.30 | |
| | | 0.155 | 3.94 | | 0.242 | 6.15 | | | | | | |
| 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. | PVC | | 29.50 96.79 | 66 | 52 | 1 10 50 100 200 500 1000 | 0.16 0.56 1.30 1.90 2.80 4.70 7.40 | |
| | | 0.285 | 7.24 | | 0.405 | 10.29 | | | | | | |
| 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. | PVC | | 26.00 85.31 | 78 | 50 | 1 10 50 100 200 500 1000 | 0.17 0.57 1.20 1.80 2.70 4.70 7.10 | |
| | | 0.285 | 7.24 | | 0.405 | 10.29 | | | | | | |
| C1180 RG 8/U Type Air Core  | 9½ Ga. Solid Bare Copper 0.90 Ω/Mft. | Semi-Solid PE | | 100% Flexfoil® Bonded +88% Tinned Copper Braid 1.8 Ω/Mft. | PVC | | 24.60 80.71 | 84 | 50 | 1 10 50 100 200 500 1000 | 0.13 0.40 0.90 1.30 1.80 3.00 4.50 | |
| | | 0.285 | 7.24 | | 0.405 | 10.29 | | | | | | |

Data subject to change.