

RG 6/U Type

Product Construction:

Conductors:

- Copper per ASTM B3

Insulation/Core:

- Foam polyethylene (PE)

Shield:

- Tinned copper braid
- Flexfoil® shield

Jacket:






- Premium-grade PVC compound
- Flexguard® PVC compound or PVDF

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- Broadcast grade headend
- Serial Digital Interface (SDI)
- CATV
- DBS
- Drop cable
- HDTV
- CCTV+
- Digital video

| 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' | | | | | | | | | | | |
| 395011 UL CMR c(UL) CMG  | 18 Ga. Solid Bare Copper 6.5 Ω/Mft. | Foam PE | | Dual Foil + 95% Tinned Copper Braid Shield 2.8 Ω/Mft. | Flame-Retardant PVC | | 16.20 | 53.10 | 83 | 75 | 1 | 0.24 | | | | | | | | | | | |
| | | 0.180 | 4.57 | | 0.275 | 6.91 | | | | | 3.6 | 0.45 | 135 | 2.10 | 270 | 2.97 | 540 | 4.25 | 1500 | 7.33 | 2250 | 9.14 | 3000 |
| 495035† UL CMP c(UL) CMP 75°C  | 18 Ga. Solid Bare Copper 6.7 Ω/Mft. | Fluoropolymer | | 95% Bare Copper Braid 2.0 Ω/Mft. | Flexguard® PVC | | 16.20 | 52.50 | 83 | 75 | 1 | 0.21 | | | | | | | | | | | |
| | | 0.170 | 4.32 | | 0.232 | 5.89 | | | | | 10 | 0.65 | 50 | 1.46 | 100 | 2.04 | 200 | 2.98 | 540 | 5.18 | 1000 | 7.05 | 1500 |
| 495036† UL CMP c(UL) CMP 105°C  | 18 Ga. Solid Bare Copper 6.7 Ω/Mft. | Fluoropolymer | | 95% Bare Copper Braid 2.0 Ω/Mft. | PVDF | | 16.10 | 53.00 | 83 | 75 | 1 | 0.21 | | | | | | | | | | | |
| | | 0.170 | 4.32 | | 0.232 | 5.89 | | | | | 10 | 0.65 | 50 | 1.46 | 100 | 2.04 | 200 | 2.98 | 540 | 5.18 | 1000 | 7.05 | 1500 |
| 495025 UL CMP c(UL) CMP  | 18 Ga. Solid Bare Copper 6.5 Ω/Mft. | Fluoropolymer | | Dual Foil + 95% Tinned Copper Braid Shield 2.8 Ω/Mft. | Flexguard® PVC | | 16.10 | 53.00 | 83 | 75 | 1 | 0.24 | | | | | | | | | | | |
| | | 0.170 | 4.32 | | 0.227 | 5.77 | | | | | 3.6 | 0.45 | 135 | 2.40 | 270 | 2.75 | 540 | 4.00 | 1500 | 6.36 | 2250 | 11.60 | 3000 |
| C3531 UL CMP, CL2P, 75°C  | 18 Ga. Solid Bare Copper 28.9 Ω/Mft. | Fluoropolymer | | Dual Foil + 77% Aluminum Braid Shield 5.0 Ω/Mft. | Flexguard® PVC | | 15.5 | 51.02 | 83 | 75 | 1 | 0.35 | | | | | | | | | | | |
| | | 0.170 | 4.32 | | 0.238 | 6.05 | | | | | 10 | 0.66 | 50 | 1.48 | 100 | 2.10 | 200 | 3.10 | 360 | 4.11 | 500 | 5.00 | 700 |

Data subject to change.