

RG59/U W-18/2 CMP COAXIAL CABLE
PART NO. 59182CMPRX
DESCRIPTION:
**RG59/U W-18/2 1000' CMP WHITE, WOOD-
EN REEL**
Category: RG59/U+2C*18AWG
Test Standard: UL CMP
PERFORMANCE

| ATTENUATION | | |
|---------------|-----------------|---------------|
| Frequency MHz | dB/1000Ft (NOM) | DB/100M (NOM) |
| 1MHz | 0.29dB | 0.95dB |
| 10MHz | 0.9dB | 2.95dB |
| 50MHz | 1.91dB | 6.27dB |
| 100MHz | 2.7dB | 8.86dB |
| 200MHz | 4.0dB | 13.12dB |
| 400MHz | 5.80dB | 19.02dB |
| 700MHz | 7.80dB | 25.59dB |
| 900MHz | 9.0dB | 29.53dB |
| 1000MHz | 9.7dB | 31.82dB |
| 1200MHz | 10.7dB | 35.10dB |
| 1450MHz | 11.5dB | 37.73dB |
| 1800MHz | 13.5dB | 44.29dB |
| 2200MHz | 15.5dB | 50.85dB |
| 3000MHz | 18.5dB | 60.70dB |

STANDARD PACKAGE

| | |
|----------------|-------------|
| Packing | Wooden Reel |
| Weight | 61 lbs |
| Packing Length | 305±0.3mm |

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CONSTRUCTION DETAILS

| | | | | | |
|-----------------------------------|---|------------------------|---------------|-----------|-------------|
| Conductor | Material | Solid Bare copper | | | |
| | Nom. O.D. (mm) | 1C | 1/0.75±0.05mm | | |
| | | 2C | 7/0.4±0.08mm | | |
| Insulation | Material | 1C | Foam-FEP | 2C | CMPPVC |
| | Diameter | 1C | 3.4±0.05mm | 2C | 1.6±0.05mm |
| Wrapped AL MYLAR | Filler | / | | | |
| | OVERLAP | / | | | |
| BRAID | Material | BC | | | |
| | SIZE | 7*0.12±0.008mm *16 | | | |
| Sheath | Nom. Thick-ness | 1C | 0.4±0.05mm | 2C | 0.45±0.05mm |
| | External O.D | 1C | 5.0±0.15mm | 2C | 4.5±0.15mm |
| | Surface | Clean, Frap, Satiation | | | |
| | Material | Flame Retardant PVC | | | |
| | Color | WHITE | | | |
| Surface Printing | Letter Height | | | | 3.0±0.3mm |
| | Color | | | | White |
| Core Color | 1C | White | 2C | RED/BLACK | |
| Sheath Physical Properties | Tensile strength:PVC: min 2000psi Aged: min 75% | | | | |
| | Elongation:unaged:PVC:100%Aged:65% | | | | |
| | Heat Shock Test: No cracking | | | | |
| | Cold bend test: No cracking | | | | |
| Flame test: CSA FT6 or UL910 | | | | | |
| Electrical Characteristics (20°C) | Sparker Test:2000V | | | | |
| | Characteristic Impedance: 75±3 Ohm | | | | |
| | Velocity of propagation:84%NOM | | | | |
| | Dielectric strength conductor to shield:2500VDC | | | | |
| Temperature Range | -45°C to +60°C | | | | |