

Part No: 390179
Description: RG 179 B/U 75 Ohm Coaxial Cable PTFE Insulation, Silver Plated Copper Braid, FEP Brown Sheath



Construction

Conductor Material : Solid Silver Plated Copper Clad Steel
 Conductor Size : 7/0.10 mm
 Dielectric : Polytetrafluoroethylene (PTFE)
 Diameter of Dielectric : 1.60 mm
 Screen Material : Silver Plated Copper Wire Braid (≥95% Coverage)
 Outer Sheath Material : Fluorinated ethylene propylene (FEP)
 Outer Sheath Colour : Brown

Electrical Characteristics

Impedance : 75 Ω ± 3
 Capacitance : 64 pF /m ± 3
 Velocity of Propagation : 69 % ± 3
 Max. Conductor Resistance : ≤ 800 Ω /km
 Max. Screen Resistance : ≤ 27.9 Ω /km
 Maximum Operating Voltage : 1200V

Attenuation @ 20°C

| Frequency (MHz) | Attenuation (dB/100m) | Frequency (MHz) | Attenuation (dB/100m) |
|-----------------|-----------------------|-----------------|-----------------------|
| 10 | 17.4 | 400 | 52.5 |
| 50 | 27.9 | 700 | 64.6 |
| 100 | 32.8 | 900 | 73.2 |
| 200 | 41.0 | 1000 | 78.7 |

Physical Characteristics

Overall Diameter : 2.5 mm (±0.15mm)
 Min. Bend Radius : 10 x OD
 Temperature Rating : -55°C to +200°C
 Weight : 15 kg/km

Standards

RoHS3 Compliant : Yes
 CE Compliant : LVD (2014/35/EU)