

Part No: 390180
Description: RG 180 B/U 95 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 : 2.59 mm
 Screen Material : Silver Plated Copper Wire Braid (≥91% Coverage)
 Outer Sheath Material : Fluorinated ethylene propylene (FEP)
 Outer Sheath Colour : Brown

Electrical Characteristics

Impedance : 95 Ω ± 3
 Capacitance : 50 pF /m ± 3
 Velocity of Propagation : 70 % ± 3
 Max. Conductor Resistance : ≤ 800 Ω /km
 Max. Screen Resistance : ≤ 21.3 Ω /km
 Maximum Operating Voltage : 1000V

Attenuation @ 20°C

Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100m)
10	10.8	400	41.0
50	15.1	700	55.4
100	18.7	900	58.7
200	31.5	1000	65.6

Physical Characteristics

Overall Diameter : 3.6 mm (±0.15mm)
 Min. Bend Radius : 10 x OD
 Temperature Rating : -55°C to +200°C
 Weight : 29 kg/km

Standards

RoHS3 Compliant : Yes