

Part No: 390178
Description: RG 178 B/U 50 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 : 0.84 mm
 Screen Material : Silver Plated Copper Wire Braid (≥95% Coverage)
 Outer Sheath Material : Fluorinated ethylene propylene (FEP)
 Outer Sheath Colour : Brown

Electrical Characteristics

Impedance : 50 Ω ± 3
 Capacitance : 96 pF /m ± 3
 Velocity of Propagation : 69 % ± 3
 Max. Conductor Resistance : ≤ 800 Ω /km
 Max. Screen Resistance : ≤ 47.9 Ω /km
 Maximum Operating Voltage : 1000V

Attenuation @ 20°C

Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100m)
10	18.4	700	121.4
50	34.4	900	139.4
100	45.9	1000	150.9
200	62.3	3000	262.0
400	91.9		

Physical Characteristics

Overall Diameter : 1.8 mm (±0.10mm)
 Min. Bend Radius : 10 x OD
 Temperature Rating : -55°C to +200°C
 Weight : 10 kg/km

Standards

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