

**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)