

**Part No:** 390393  
**Description:** RG 393 50 Ohm Coaxial Cable PTFE Insulation, Double Silver Plated Copper Braid, FEP Brown Sheath



### Construction

Conductor Material : Solid Silver Plated Copper Clad Steel  
 Conductor Size : 7/0.80mm  
 Dielectric : Polytetrafluoroethylene (PTFE)  
 Diameter of Dielectric : 7.24 mm  
 1<sup>st</sup> Screen Material : Silver Plated Copper Wire Braid (≥95% Coverage)  
 2<sup>nd</sup> 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 : 96.5 pF /m ± 5  
 Velocity of Propagation : 70 % ± 3  
 Max. Conductor Resistance : ≤ 4.98 Ω /km  
 Maximum Operating Voltage : 2500V

### Attenuation @ 20°C

Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100m)
50	5.6	1000	24.0
100	6.6	3000	47.0
400	14.3	5000	65.0

### Physical Characteristics

Overall Diameter : 9.9 mm (±0.25mm)  
 Min. Bend Radius : 5 x OD  
 Temperature Rating : -55°C to +200°C  
 Weight : 245 kg/km

### Standards

RoHS3 Compliant : Yes