

**Part No:** 390179YS  
**Description:** RG179 75 Ohm Coaxial Cable Foamed Polyethylene Insulation, Tinned Copper Braid, Polyvinyl Chloride (PVC) Black Sheath



### Construction

Conductor Material : Stranded Tinned Copper  
 Stranding : 7/0.12mm  
 Dielectric : Foamed Polyethylene (FPE)  
 Diameter of Dielectric : 1.60mm (+/- 0.13mm)  
 Screen Material : Tinned Copper Wire Braid (≥95% Coverage)  
 Outer Sheath Material : Polyvinyl Chloride (PVC)  
 Outer Sheath Colour : Black

### Electrical Characteristics

Impedance : 75 Ω ± 8  
 Capacitance : ≤ 57 pF /m ± 5  
 Velocity of Propagation : 66 % ± 3  
 Min Insulation Resistance @20°C : > 500 MΩ\*KM  
 Max. Conductor Resistance @ 20°C : ≤ 239.5 Ω /km  
 Voltage Rating : 30V

### Attenuation @ 20°C

Frequency (MHz)	Attenuation (≤dB/100m)
10	6.5
100	21.1
200	30.3

### Physical Characteristics

Overall Diameter : 2.65 ± 0.15mm  
 Min. Bend Radius : 10 x OD  
 Temperature Rating : -20°C to +70°C  
 Weight : 12 kg/km

### Standards

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