

**Part No:** 390179H  
**Description:** RG179 75 Ohm Coaxial Cable Foamed Polyethylene Insulation, Tinned Copper Braid, Low Smoke Halogen Free (LSHF) Black Sheath



### Construction

Conductor Material : Solid Tinned Copper  
 Stranding : 1/0.36mm  
 Dielectric : Foamed Polyethylene (FPE)  
 Diameter of Dielectric : 1.60mm (+/- 0.13mm)  
 Screen Material : Tinned Copper Wire Braid (≥95% Coverage)  
 Outer Sheath Material : Low Smoke Halogen Free (LSHF)  
 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 : > 200 MΩ\*M  
 Max. Conductor Resistance @ 20°C : ≤ 197.1 Ω /km  
 Voltage Rating : 30V

### Attenuation @ 20°C

Frequency (MHz)	Attenuation (≤dB/100m)
10	16.1
100	33.4
200	45.5

### 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

Flame Retardant : BS EN 60332-1-2  
 Low Smoke Generation : BS EN 61034-2  
 Halogen Gas Emission : BS EN 60754-1&2  
 RoHS3 Compliant : Yes  
 CE Compliant : LVD (2014/35/EU)