

Part No: 390059H-E00
Description: RG59 B/U 75 Ohm Coaxial Cable Solid Polyethylene Insulation, Tinned Copper Braid, Low Smoke Halogen Free (LSHF) Black



Construction

Conductor Material : Bare Copper Clad Steel
 Stranding : 1/0.58mm
 Dielectric : Solid Polyethylene (SPE)
 Diameter of Dielectric : 3.70mm (+/- 0.15mm)
 Screen Material : Bare Copper Wire Braid (≥86% Coverage)
 Outer Sheath Material : Low Smoke Halogen Free (LSHF)
 Outer Sheath Colour : Black

Electrical Characteristics

Impedance : 75 Ω ± 3
 Capacitance : ≤ 70 pF /m ± 3
 Velocity of Propagation : 66 % ± 3
 Min Insulation Resistance @20°C : > 1000 MΩ*KM
 Max. Conductor Resistance @ 20°C : ≤ 235 Ω /km
 Max. Screen Resistance @20°C : ≤ 18.5 Ω /km

Attenuation @ 20°C

Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100m)
5	2.8	600	31.4
55	8.8	750	35.5
187	16.5	865	38.3
300	21.2	1000	41.4
450	26.5		

Physical Characteristics

Overall Diameter : 6.1 ± 0.2mm
 Min. Bend Radius : 10 x OD
 Temperature Rating : -20°C to +70°C
 Weight : 60 kg/km

Standards

Flame Retardant : BS EN 60332-1-2
 RoHS Compliant : Yes
 CE Compliant : LVD (2014/35/EU), CPR (305/2011)
 CPR Classification : Eca (EN50575:2014+A1:2016)
 UV and Weather Resistant : ISO 4892-3*
 : *Applies to all Batches ST***** Onwards

