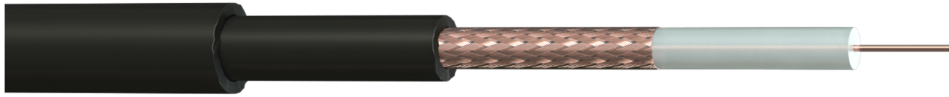


**Part No:** 390059D-F00  
**Description:** RG59 B/U 75 Ohm Coaxial Cable Solid Polyethylene Insulation, Tinned Copper Braid, Duct Grade Black



### 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)  
 Inner Sheath Material : Low Smoke & Fume (LSF)  
 Inner Sheath Colour : Black  
 Outer Sheath Material : Polyethylene (PE)  
 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 : 8.0 ± 0.2mm  
 Min. Bend Radius : 10 x OD  
 Temperature Rating : -20°C to +70°C  
 Weight : 76 kg/km

### Standards

RoHS3 Compliant : Yes  
 UV Resistance : ISO 4892-3  
 CE Compliant : LVD (2014/35/EU), CPR (305/2011)  
 CPR Classification : Fca (EN50575:2014+A1:2016)