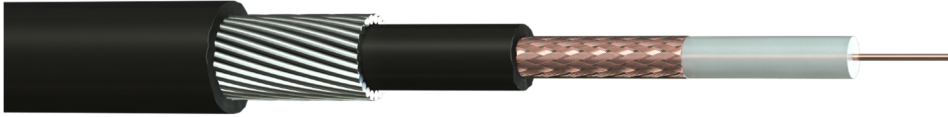


Part No: 390059A-F00
Description: RG59 B/U 75 Ohm Coaxial Cable Armoured Black. Suitable for Direct Burial.



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 : Polyvinyl Chloride (PVC)
 Inner Sheath Colour : Black
 Armour : Galvanised Steel Wire Armour (SWA)
 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

Attenuation @ 20°C

| Frequency (MHz) | Attenuation (dB/100m) | Frequency (MHz) | Attenuation (dB/100m) |
|-----------------|-----------------------|-----------------|-----------------------|
| 50 | 8.5 | 800 | 35.8 |
| 100 | 11.8 | 860 | 37.2 |
| 200 | 16.5 | 1000 | 39.0 |
| 450 | 26.0 | | |

Physical Characteristics

Overall Diameter : 10.5 ± 0.3mm
 Min. Bend Radius : 10 x OD
 Temperature Rating : -20°C to +70°C
 Weight : 250 kg/km

Standards

RoHS3 Compliant : Yes
 CPR Classification : Fca (EN50575:2014+A1:2016)