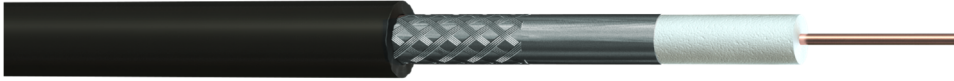


**Part No:** 390006C  
**Description:** RG 6 Type 75 Ohm Coaxial Cable Featuring Foamed Polyethylene Insulation, Aluminium Foil Screen and Aluminium Wire Braid PVC Black Sheath



### Construction

Conductor Material : Copper Clad Steel  
 Conductor Size : 1/1.02 mm  
 Dielectric : Foamed Polyethylene (FPE)  
 Diameter of Dielectric : 4.57 mm  
 1<sup>st</sup> Screen Material : Bonded Aluminium Foil  
 2<sup>nd</sup> Screen Material : Aluminium Wire Braid Screen (≥48% Coverage)  
 Outer Sheath Material : Polyvinyl Chloride (PVC)  
 Outer Sheath Colour : Black

### Electrical Characteristics

Impedance : 75 Ω ± 5  
 Capacitance : 52 pF /m ± 5  
 Min Insulation Resistance @20°C : > 500 MΩ\*KM  
 Max. Conductor Resistance @20°C : ≤ 76 Ω /km  
 Velocity of Propagation : 83%  
 Voltage Rating : 30V

### Attenuation @ 20°C

Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100m)
55	4.94	870	19.99
211	9.43	1000	21.46
450	14.04		

### Physical Characteristics

Overall Diameter : 6.8 mm ±0.2mm  
 Min. Bend Radius : 10 x OD  
 Temperature Rating : -20°C to +70°C  
 Weight : 47 kg/km

### Standards

Flame Retardant : BS EN 60332-1-2  
 RoHS3 Compliant : Yes  
 CE Compliant : LVD (2014/35/EU)