

**Part No:** 390059MB  
**Description:** RG59 Mini 75 Ohm Coaxial Cable Foamed Polyethylene Insulation, Tinned Copper Braid, Polyvinyl Chloride (PVC) Black



### Construction

Conductor Material : Copper Clad Steel  
 Stranding : 1/0.41mm  
 Dielectric : Foamed Polyethylene (FPE)  
 Diameter of Dielectric : 1.90mm (+/- 0.15mm)  
 Screen Material : Tinned Copper Wire Braid (≥70% Coverage)  
 Outer Sheath Material : Polyvinyl Chloride (PVC)  
 Outer Sheath Colour : Black

### Electrical Characteristics

Impedance : 75 Ω ± 3  
 Capacitance : ≤ 60 pF /m ± 3  
 Velocity of Propagation : 82 % ± 3  
 Min Insulation Resistance @20°C : > 500 MΩ\*KM  
 Max. Conductor Resistance @ 20°C : ≤ 359.1 Ω /km  
 Voltage Rating : 30V

### Attenuation @ 20°C

Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100m)
10	6.5	400	31.5
50	12.5	450	33.1
100	16.7	500	34.9
150	19.8	650	40.1
200	22.5	800	44.75
250	24.8	860	46.64
300	27.0	1000	50.50

### Physical Characteristics

Overall Diameter : 3.6 ± 0.1mm  
 Min. Bend Radius : 10 x OD  
 Temperature Rating : -20°C to +70°C  
 Weight : 16 kg/km

### Standards

RoHS3 Compliant : Yes  
 CE Compliant : LVD (2014/35/EU)