

Construction

| Item | Material | Diameter (mm) |
|-----------------|-----------------------|---------------|
| Inner Conductor | Copper Clad Steel | 0.41 |
| Dielectric | Foam PE | 1.9 |
| First Shield | AL/P Foil | 2.05 |
| Second Shield | 90% Bare Copper Braid | 2.55 |
| Jacket | PVC | 3.6 |

Electrical Characteristics

| | |
|-------------------------|-----------------|
| Impedance | : 75Ω ±3Ω |
| Capacitance | : 52pF/m ±2pF/m |
| Velocity of Propagation | : 85% |
| Return Loss | |
| 5-300 MHz | : ≥ 20dB |
| 300-1000 MHz | : ≥ 18dB |
| Screening Effectiveness | |
| 5-1000 MHz | : ≥ 75dB |
| Operating Temp. Range | : -40°C to 75°C |

Attenuation (@20°C)

| Frequency (MHz) | Max. Attenuation (dB/100m) |
|-----------------|----------------------------|
| 50 | 13 |
| 200 | 24 |
| 400 | 33 |
| 600 | 41 |
| 800 | 47 |
| 1000 | 53 |

Part Number Table

| Description | Length | Part Number |
|--------------------------------------|------------------------|-------------|
| Coaxial Cable, Mini RG59, PVC, Black | Per Meter or 100 Meter | MINI RG59 |

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