

RG6 80% SHIELD LSZH



| Construction | Material | Diameter(inch/mm) | |
|-----------------|-------------------------|-------------------|------|
| Inner Conductor | Bare Copper | 0.040 | 1.02 |
| Dielectric | Foam PE | 0.179 | 4.57 |
| First Shield | Bonded Aluminum Foil | 0.187 | 4.75 |
| Second Shield | 80% Aluminum wire Braid | / | / |
| Jacket | LSZH | 0.268 | 6.80 |

Electrical Characteristics

| | |
|-----------------------------|-----------|
| Capacitance(pF/m) | 52±2 |
| Impedance(Ω) | 75±3 |
| Velocity of Propagation(%) | 85.0 |
| Retrun Loss(dB) | ≥20 |
| Shielding Effectiveness(dB) | >90 |
| Spark Test(VAC) | 4000 |
| Operating Temp Range(°C) | -40 to 85 |

Attenuation (20 °C)

| Frequency(Mhz) | Max Attenuation(dB/100ft) | Max Attenuation(dB/100m) |
|----------------|---------------------------|--------------------------|
| 5 | 0.58 | 1.90 |
| 55 | 1.60 | 5.25 |
| 187 | 2.85 | 9.35 |
| 300 | 3.55 | 11.64 |
| 450 | 4.40 | 14.43 |
| 600 | 5.10 | 16.73 |
| 750 | 5.65 | 18.54 |
| 865 | 6.10 | 20.01 |
| 1000 | 6.55 | 21.49 |
| 1218 | 7.22 | 23.66 |
| 1450 | 8.46 | 27.73 |
| 1800 | 9.50 | 31.15 |
| 2200 | 9.73 | 31.92 |
| 3000 | 11.40 | 37.50 |

