

RG11-77%BV**Construction**

| | Material | Diameter (mm) |
|-----------------|---------------------------|----------------------|
| Inner Conductor | CCS-Copper Clad Steel | 1.63 |
| Dielectric | Foam PE | 7.11 |
| First Shield | Bonded Aluminum Foil | 7.29 |
| Second Shield | Aluminum wire Braid (77%) | 16/7/0.16mm |
| Jacket | PVC | 10.16 |

Electrical Characteristics

| | |
|-----------------------------|------------|
| Impedance (Ω) | 75 \pm 3 |
| Capacitance (pF/m) | 52 \pm 2 |
| Velocity of Propagation (%) | 85.0 |
| Return Loss | |
| 5-1000 MHz (dB) | \geq 22 |
| 1000-2000 MHz (dB) | \geq 20 |
| Screening Effectiveness | |
| 5-1000 MHz (dB) | \geq 80 |

Attenuation (@20 °C)

| Frequency(MHz) | Max Attenuation (dB/100ft) | Max Attenuation (dB/100m) |
|----------------|----------------------------|---------------------------|
| 5 | 0.4 | 1.3 |
| 55 | 1.0 | 3.2 |
| 187 | 1.7 | 5.7 |
| 211 | 1.9 | 6.2 |
| 400 | 2.6 | 8.5 |
| 500 | 2.9 | 9.5 |
| 750 | 3.6 | 11.9 |
| 860 | 4.0 | 13.1 |
| 1000 | 4.3 | 14.3 |
| 1500 | 5.1 | 16.8 |
| 1800 | 5.7 | 18.6 |
| 2200 | 6.3 | 20.7 |
| 3000 | 7.6 | 24.9 |