



RG-11/90
DROP CABLE
75 OHM COAXIAL CABLE

DESCRIPTION

RG-11/90 – No 14 AWG solid copper conductor, Fine’s proprietary gas injected PE foam dielectric, bonded aluminum shielding tape, 90% coverage aluminum wire braid, overall black PVC jacket.

CONSTRUCTION DETAILS

| | | |
|--|------|---------|
| Inner Conductor, mm (inch) | 1.63 | (0.064) |
| Dielectric Diameter, mm (inch) | 7.11 | (0.280) |
| Outer Conductor Diameter, mm (inch) | 7.32 | (0.288) |
| Overall Cable Diameter, mm (inch) | 10.2 | (0.400) |

ELECTRICAL SPECIFICATIONS

| | | |
|---|----------------|----------------------|
| Network Analyzer Swept Frequency Range | 1 – 1000 MHz | |
| Capacitance, pF/m | 53 ± 2 | |
| Impedance, ohms | 75 ± 3 | |
| Velocity of Propagation, % | 85 nominal | |
| Structural Return Loss, dB | -20 minimum | |
| Maximum Attenuation @ 20°C at Various Frequencies: | dB/100m | (dB/100 feet) |
| 5 MHz | 1.14 | 0.34 |
| 55 MHz | 3.10 | 0.91 |
| 250 MHz | 6.43 | 1.96 |
| 300 MHz | 7.02 | 2.14 |
| 350 MHz | 7.68 | 2.34 |
| 400 MHz | 8.23 | 2.51 |
| 450 MHz | 8.76 | 2.67 |
| 500 MHz | 9.28 | 2.83 |
| 550 MHz | 9.84 | 3.00 |
| 600 MHz | 10.33 | 3.15 |
| 750 MHz | 11.71 | 3.57 |
| 870 MHz | 12.79 | 3.90 |
| 1000 MHz | 13.91 | 4.24 |

REEL PACKAGING DIMENSIONS

| | | | |
|------------------------------|--------------------|---------------------|-------------------------|
| Standard Reel Length: | 1000’ | | |
| Shipping Weight: | 113 kg/km | 76 lbs/1000 feet | |
| Reel Dimensions: | Flange: 500 | Drum: 240 mm | Traverse: 300 mm |