



**RG-11/90M**  
**DROP CABLE**  
**75 OHM COAXIAL CABLE**

**DESCRIPTION**

RG-11/90M – No 14 AWG solid copper conductor, Fine’s proprietary gas injected PE foam dielectric, bonded aluminum shielding tape, 90% coverage aluminum wire braid, 1.83 mm galvanized steel messenger, overall black PVC jacket.

**CONSTRUCTION DETAILS**

<b>Inner Conductor, mm (inch)</b>	1.63	(0.064)
<b>Dielectric Diameter, mm (inch)</b>	7.11	(0.280)
<b>Outer Conductor Diameter, mm (inch)</b>	7.32	(0.288)
<b>Overall Cable Diameter, mm (inch)</b>	10.2	(0.400)
<b>Steel Messenger Diameter, mm (inch)</b>	1.83	(0.072)
<b>Minimum Messenger Break Strength, N (lbs):</b>	1625	(365)
<b>Cable Width – Web direction, mm (inch):</b>	15.0	(0.592)

**ELECTRICAL SPECIFICATIONS**

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

**REEL PACKAGING DIMENSIONS**

<b>Standard Reel Length:</b>	1000'
<b>Shipping Weight:</b>	138 kg/km    93 lbs/1000 feet
<b>Reel Dimensions:</b>	<b>Flange:</b> 550 <b>Drum:</b> 240 mm <b>Traverse:</b> 300 mm