



**RG-6/40**  
**DROP CABLE**  
**75 OHM COAXIAL CABLE**

**DESCRIPTION**

RG-6/40 – No 18 AWG solid copper conductor, Fine’s proprietary gas injected PE foam dielectric, bonded aluminum shielding tape, 40% coverage aluminum wire braid, overall black PVC jacket.

**CONSTRUCTION DETAILS**

<b>Inner Conductor, mm (inch)</b>	1.02	(0.040)
<b>Dielectric Diameter, mm (inch)</b>	4.57	(0.180)
<b>Outer Conductor Diameter, mm (inch)</b>	4.76	(0.187)
<b>Overall Cable Diameter, mm (inch)</b>	6.93	(0.273)

**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>	1.85	0.56
<b>55 MHz</b>	4.90	1.49
<b>250 MHz</b>	10.18	3.10
<b>300 MHz</b>	11.21	3.42
<b>350 MHz</b>	12.19	3.72
<b>400 MHz</b>	13.10	4.00
<b>450 MHz</b>	14.02	4.27
<b>500 MHz</b>	14.80	4.51
<b>550 MHz</b>	15.61	4.76
<b>600 MHz</b>	16.33	4.98
<b>750 MHz</b>	18.45	5.63
<b>870 MHz</b>	20.00	6.10
<b>1000 MHz</b>	21.48	6.55

**PACKAGING**

<b>Standard Reel Length:</b>	1000'
<b>Shipping Weight:</b>	48 kg/km      32 lbs/1000 feet
<b>Reel Dimensions:</b>	<b>Flange:</b> 330 mm <b>Drum:</b> 133 mm <b>Traverse:</b> 300 mm