



**RG-58/95**  
**DROP CABLE**  
**50 OHM COAXIAL CABLE**

**DESCRIPTION**

RG-58 – No 20 AWG solid copper conductor, solid PE foam dielectric, 95% coverage tinned copper braid wire (No. 36 AWG), overall black PVC jacket.

**CONSTRUCTION DETAILS**

<b>Inner Conductor, mm (inch)</b>	0.81	(0.032)
<b>Dielectric Diameter, mm (inch)</b>	2.95	(0.116)
<b>Outer Conductor Diameter, mm (inch)</b>	3.56	(0.140)
<b>Overall Cable Diameter, mm (inch)</b>	4.95	(0.195)

**ELECTRICAL SPECIFICATIONS**

<b>Network Analyzer Swept Frequency Range</b>	1 – 1000 MHz	
<b>Capacitance, pF/m</b>	85 ± 3	
<b>Impedance, ohms</b>	50 ± 2	
<b>Velocity of Propagation, %</b>	66 nominal	
<b>Structural Return Loss, dB</b>	-15 minimum (10 – 300 MHz)	
<b>Nominal Attenuation @ 20°C at Various Frequencies:</b>	<b>dB/100m</b>	<b>(dB/100 feet)</b>
<b>5 MHz</b>	2.82	0.86
<b>50 MHz</b>	6.17	3.10
<b>200 MHz</b>	22.3	6.80
<b>300 MHz</b>	27.4	8.35
<b>400 MHz</b>	32.8	10.0
<b>700 MHz</b>	45.9	14.0
<b>900 MHz</b>	52.5	16.0
<b>1000 MHz</b>	55.8	17.0

**PACKAGING**

<b>Standard Reel Length:</b>	1000'
<b>Shipping Weight:</b>	40 kg/km (27 lbs/1000 feet)
<b>Reel Dimensions:</b>	Flange: 270 mm Drum: 100 mm Traverse: 300 mm