

**QR540M****Construction**

	<b>Material</b>	<b>Diameter (mm)</b>
Inner Conductor	CCA-Copper Clad Aluminum	<b>3.15</b>
Dielectric	Foam PE	<b>13.05</b>
First Shield	Solid Aluminum tube	13.72
Jacket	PE	<b>15.49</b>
Messenger	Galvanized Steel	<b>2.77</b>

**Electrical Characteristics**

Impedance ( $\Omega$ )	75 $\pm$ 3
Capacitance (pF/m)	52 $\pm$ 2
Velocity of Propagation (%)	87.0
Return Loss	
5-1000 MHz (dB)	$\geq$ 22
Screening Effectiveness	
5-1000 MHz (dB)	$\geq$ 100

**Attenuation ( @20 °C)**

Frequency(MHz)	Max Attenuation (dB/100ft)	Max Attenuation (dB/100m)
5	0.14	0.46
55	0.47	1.54
83	0.58	1.90
211	0.95	3.12
250	1.03	3.38
300	1.13	3.71
350	1.23	4.04
400	1.32	4.33
500	1.49	4.89
600	1.64	5.38
750	1.85	6.07
865	2.00	6.56
1000	2.17	7.12