



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.29	0.011
2. Dielectric	PTFE	0.94	0.037
3. Outer Conductor	Tin Soaked Copper Braid	1.19	0.047

Electrical Characteristics

Capacitance	95 pF/m	28.96 pF/Ft
Impedance	50 ohm	
Velocity of Propagation	69.5%	
Cut-off Frequency	109GHz	
Time Delay	4.7 ns/m	1.43 ns/Ft
Max.Operating Voltage	1.5 KVRMS	

Mechanical Characteristics

Min.Bending Radius Repeated	20mm	.787inch
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Environmental Characteristics

Operating Temperature Range(°C)	-55~+125
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Attenuation & Average Power @ 20°C and Sea Leavel

Frequency(GHz)	Attenuation		Power(Watts CW)
	dB/m(Typical)	dB/Ft	
1	1.13	0.34	43.7
5	2.59	0.79	19.1
10	3.74	1.14	13.3
20	5.44	1.66	9.2