



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper Clad Steel	0.56	0.022
2. Dielectric	LD PTFE	1.68	0.066
3. Outer Conductor	Tin Plated Copper Tube	2.18	0.086

Electrical Characteristics

Capacitance)	88pF/m	26.84pF/Ft
Impedance	50 ohm	
Velocity of Propagation	76%	
Cutoff frequency	64GHz	
Time Delay	4.39 nS/m	1.339 nS/Ft
Max.Operating Voltage	2.5 kVrms	
Min.Screening Effectiveness up to 18GHz	165 dB	

Mechanical Characteristics

Min.Bending Radius Static (mm)	7 mm	0.276 inch
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Environmental Characteristics

Operating Temperature Range(°C)	-65~+250
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Attenuation & Average Power @ 20°C and Seal Level

Frequency(GHz)	Attenuation		Power(KW CW)
	dB/100m	dB/100Ft	
0.1	17.28	5.27	827
0.5	3.8.8	11.83	368
1.0	55.04	16.78	259
5.0	124.71	38.02	115
10.0	178.10	54.30	80
18.0	241.65	73.67	59
26.5	295.96	90.23	48
40	368.00	112.20	39