


Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.51	0.0201
2. Dielectric	LD PTFE	1.47	0.0579
3. Outer Conductor	Tin plated copper tube	1.77	0.0697

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	88%
Voltage Withstand (V.DC)	3000 V
Operation Frequency	67 GHz

Mechanical Characteristics

Min.Bending Radius Static (mm)	9	0.3543
Weight(g/m)	12	

Environmental Characteristics

Operating Temperature Range(°C)	-65~+150
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Attenuation & Average Power @ 20°C and Seal Leavel

Frequency(GHz)	Attenuation		Power(W CW)
	dB/1m	dB/1Ft	
0.5	0.455	0.14	265.5
1.0	0.646	0.20	187.2
5.0	1.466	0.45	82.8
10.0	2.096	0.64	58.1
18.0	2.833	0.86	42.9
26.5	3.490	1.06	35.1
40.0	4.345	1.33	28.2
50.0	4.898	1.49	25.1
65.0	5.630	1.72	21.8