


Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.20	0.0080
2. Dielectric	LD PTFE	0.61	0.0240
3. Outer Conductor	Copper Tube	0.79	0.0310

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	77%
Capacitance)	87.3pF/m 26.6pF/Ft
Voltage Withstanding (VRMS@60Hz)	1000 V
moding frequency	175 GHz

Mechanical Characteristics

Min.Bending Radius Static (mm)	3.175 0.1250
Weight(Kg/100m)	0.24

Environmental Characteristics

Operating Temperature Range(°C)	-55~+250
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Attenuation & Average Power @ 20°C and Seal Leavel

Frequency(GHz)	Attenuation		Power(W CW)
	dB/100m	dB/100Ft	
0.5	110.90	33.82	60
1	156.80	47.82	42
5	352.90	107.63	19
10	501.10	152.84	13
20	713.70	217.68	9