



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	1.02	0.040
2. Dielectric	LD PTFE	2.99	0.118
3. Outer Conductor	Tip Plated Copper Braid	3.58	0.141

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	76%
Operation Frequency (GHz)	26.5 GHz
Voltage Withstand (V.DC)	1300 V
Shielding Effectiveness	90 dB

Mechanical Characteristics

Min.Bending Radius Static (mm)	12.7	0.5000
Weight(g/m)	41.4	

Environmental Characteristics

Operating Temperature Range(°C)	-55~+225
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Attenuation & Average Power @ 20°C and Seal Leavel

Frequency(MHz)	Attenuation		Power(KW CW)
	dB/100m	dB/100Ft	
500	29.18	8.90	0.550
1000	41.31	12.60	0.387
5000	94.75	28.90	0.170
10000	136.07	41.50	0.119
18000	186.23	56.80	0.087
26500	229.84	70.10	0.071