


Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper Clad Steel	0.29	0.0114
2. Dielectric	PTFE	0.95	0.0374
3. Outer Conductor	Silver Plated Copper Tape	1.10	0.0433
4. Outer Conductor	Aluminum Thin	1.23	0.0484
5. Outer Shields	Outer Braid Str. Stl	1.46	0.0575
6. Jacket	Blue PFA	1.70	0.0669

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	70%
Operation Frequency (GHz)	67
Voltage Withstand (V.DC)	300
Shielding Effectiveness (dB)	90

Mechanical Characteristics

Min.Bending Radius Static (mm)	8.5	0.3346
Min.Bending Radius Repeated(mm)	17	0.6693
Weight(g/m)	11.7	

Environmental Characteristics

Operating Temperature Range(°C)	-55~+165
Storage Temperature Range(°C)	-65~+165

Attenuation & Average Power @ 20°C and Seal Level

Frequency(MHz)	Attenuation		Power(KW CW)
	dB/100m	dB/100Ft	
300	67.90	20.71	0.396
1000	125.10	38.16	0.215
2000	178.30	54.38	0.151
4000	254.80	77.71	0.106
6000	314.70	95.98	0.085
10000	411.50	125.51	0.065
12000	453.30	138.26	0.059
18000	562.90	171.68	0.048
26500	693.90	211.64	0.039
40000	869.90	265.32	0.031
50000	984.90	300.39	0.027
67000	1161.50	354.26	0.023