



**Construction Specification**

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.31	0.0122
2. Dielectric	LD PTFE	0.88	0.0346
3. Outer Conductor	Spiral Wrapped Silver Plated Copper Tape	1.00	0.0394
4. Interlayer	LD PTFE	1.20	0.0472
5. Outer shields	Silver Plated Copper Braid	1.45	0.0571
6. Jacket	Gray FEP	1.85	0.0728

**Electrical Characteristics**

Impedance	50 ohm
Velocity of Propagation	80%
Operating Frequency	110 GHz

**Mechanical Characteristics**

Min.Bending Radius Static (mm)	10	0.3937
Min Bending Radius Dynamic (mm)	20	0.7874
Weight(g/m)	8	

**Environmental Characteristics**

Operating Temperature Range(°C)	-55~+125
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**Attenuation & Average Power @ 20°C and Seal Level**

Frequency(GHz)	Attenuation		Power(KW CW)
	dB/m	dB/Ft	
1	1.137	0.35	0.039
2	1.616	0.49	0.027
3	1.99	0.61	0.022
6	2.829	0.86	0.016
8	3.28	1.00	0.014
18	4.99	1.52	0.009
26.5	6.115	1.87	0.007
40	7.604	2.32	0.006
67	10.03	3.06	0.004
75	10.66	3.25	0.004
110	13.15	4.01	0.003