



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.51	0.0201
2. Dielectric	LD PTFE	1.6	0.0630
3. Outer Conductor	Spiral Wrapped Silver Plated Copper Tape +Silver Plated Copper Braid	2.1	0.0827
4. Jacket	Black ETFE	2.3	0.0906

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	74%
Operation Frequency (GHz)	67 GHz
Voltage Withstand (V.DC)	500 V
Shielding Effectiveness	90 dB

Mechanical Characteristics

Min.Bending Radius (mm)	15
Cable Minimum Dynamic Bend Radius(mm)	36
Weight	18 g/m

Environmental Characteristics

Operating Temp(°C)	-55~+125
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Attenuation & Average Power @ 20°C and Sea Level

Frequency(GHz)	Attenuation		Avg.Power (W)
	dB/1m	dB/1Ft	
0.3	0.342	0.10	500
1.0	0.669	0.20	256
2.0	0.901	0.27	190
4.0	1.291	0.39	132
6.0	1.597	0.49	107
8.0	1.86	0.57	92
10.0	2.095	0.64	82
12.0	2.310	0.70	74
14.0	2.510	0.76	68
18.0	2.869	0.87	59
40.0	4.48	1.36	38
50.0	5.085	1.55	34
67.0	6.019	1.83	28