



**Construction Specification**

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	1.03	0.041
2. Dielectric	LD PTFE	3.00	0.118
3. Outer Conductor	Bonded Aluminum Foil+ Silver Plated Copper Braid	3.50	0.138
4. Jacket	TPU	4.50	0.177

**Electrical Characteristics**

Impedance	50 ohm
Velocity of Propagation	77%
Operation frequency	50GHz
Voltage Withstand (V.DC)	1200 V
Shielding Effectiveness	90 dB

**Mechanical Characteristics**

Min.Bending Radius (mm)	15	0.591
Weight(Kg/Km)	32	

**Environmental Characteristics**

Operating Temperature (°C)	-65~+85
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**Attenuation & Average Power @ 20°C and Sea Level**

Frequency(GHz)	Attenuation	
	dB/1m	dB/1Ft
0.5	0.25	0.08
1	0.36	0.11
3	0.63	0.19
6	0.91	0.28
8	1.06	0.32
10	1.20	0.37
12	1.32	0.40
18	1.65	0.50
26.5	2.05	0.62
40	2.59	0.79