


Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper Wire	1.63	0.0642
2. Dielectric	PTFE	5.35	0.2106
3. Outer Conductor	TIN PLATED ALUMINUM TUBE	6.35	0.2500

Electrical Characteristics

Impedance	50 ohm
Capacitance	98 PF/m 29.88 PF/Ft
Velocity of Propagation	70.0%
Operation frequency	18 GHz
Dielectric withstanding Voltage(AC)	5.0 Kvrms (1min) @ 60Hz

Mechanical Characteristics

Min.Inside Bending Radius (mm)	30
Weight	147 g/m

Environmental Characteristics

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

Frequency(GHz)	Attenuation		Avg.Power (W)
	dB/m	dB/Ft	
0.5	0.16	8.0	1800
1.0	0.25	12.0	1100
2.0	0.38	21.0	760
3.0	0.48	29.0	580
5.0	0.59	45.0	430
10.0	1.01	70.0	278
18.0	1.51	72.5	180