



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	1.65	0.0650
2. Dielectric	PTFE	5.25	0.2067
3. Outer Conductor	Tin Soaked Copper Braid	6.30	0.2480
4. Jacket	FEP(Red)	6.85	0.2697

Electrical Characteristics

Impedance(ohm)	50
Velocity of Propagation(%)	70
Capacitance(pF/m)	98
Time Delay(ns/m)	4.7
Voltage Withstand AC(KVrms)	3 (1 min)
Operating frequency(GHz)	0~18
Shielding Effect(dB)	>100 (0-1G)

Mechanical Characteristics

Min.Bending Radius Static (mm)	30 mm	1.181 inch
Min.Bending Radius Repeated(mm)	40 mm	1.575 inch

Environmental Characteristics

Operating Temperature Range(°C)	-65~+150
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Attenuation & Average Power @ 20°C and Sea Level

Frequency(GHz)	Attenuation		Power(Watts CW)
	dB/100m	dB/100Ft	
0.5	16	4.88	1831
1.0	24	7.32	1188
2.0	37	11.29	771
3.0	48	14.64	598
5.0	65	19.83	435
10.0	99	30.20	282
18.0	142	43.31	196