


**Construction Specification**

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.94	0.0370
2. Dielectric	PTFE	2.98	0.1173
3. Outer Conductor	Double Silver Plated Copper Braid	3.95	0.1555
4. Jacket	Black PVC	5.35	0.2106

**Electrical Characteristics**

Impedance	50 ohm	
Capacitance	98 PF/m	29.88 PF/Ft
Velocity of Propagation	70%	
Operation frequency	6 GHz	
Time Delay	4.7 ns/m	1.433 ns/Ft
Max. Operating Voltage	3.0 Kvrms (1min)	
Min Screening Effectiveness up to 1GHz	70 dB	

**Mechanical Characteristics**

Min.Bending Radius Static (mm)	30
Weight	65 g/m

**Environmental Characteristics**

Operating Temp(°C)	-40~+105
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**Attenuation & Average Power @ 20°C and Seal Level**

Frequency(GHz)	Attenuation		Avg.Power (W)
	dB/100m	dB/100Ft	
0.1	13.0	3.96	2350
0.4	27.0	8.23	1050
1.0	46.0	14.02	600
1.8	63.0	19.21	430
2.4	72.0	21.95	350
3.0	92.0	28.05	310
5.0	126.0	38.41	250
6.0	142.0	43.29	200