



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper Wire Clad Steel	0.94	0.0370
2. Dielectric	PTFE	2.98	0.117
3. Outer Conductor	Tin Soaked Copper Braid	3.55	0.140
4. Jacket	Black FEP	4.10	0.161

Electrical Characteristics

Capacitance	98 PF/m 29.99 PF/Ft
Impedance	50±2 ohm
Velocity of Propagation	70%
Max. Operating Voltage	3.0 Kvrms
Shielding Effectiveness	> 100 dB
Working frequency	18 GHz

Mechanical Characteristics

Min.Bending Radius Static	8 0.315
Min.Bending Radius Repeated	40 1.575

Environmental Characteristics

Operating Temperature Range(°C)	-55~+150
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Attenuation & Average Power @ 20°C and Seal Leavel

Frequency(MHz)	Attenuation		Power(Watts CW)
	dB/100m	dB/100Ft	
0.5	27.0	8.24	790
1.0	41.0	12.50	526
5.0	105.0	32.03	205
10.0	158.0	48.19	137
18.0	222.0	67.71	97