



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	Tin Soaked Copper Braid	3.50	0.1378
4. Jacket	PE(Black)	4.20	0.1654

Electrical Characteristics

Impedance	50 ohm	
Capacitance	98 PF/m	29.88 PF/Ft
Velocity of Propagation	70%	
Operation frequency	18 GHz	
Time Delay	4.7 ns/m	1.433 ns/Ft
Max. Operating Voltage	3.0 Kvrms (1min)	
Min Screening Effectiveness up to 1GHz	100 dB	

Mechanical Characteristics

Min.Bending Radius Static (mm)	8
Weight	50 g/m

Environmental Characteristics

Operating Temp(°C)	-20~+70
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Attenuation & Average Power @ 20°C and Seal Leavel

Frequency(GHz)	Attenuation		Avg.Power (W)
	dB/100m	dB/100Ft	
0.5	27.0	8.23	790
1.0	41.0	12.50	526
2.0	62.0	18.90	351
3.0	78.0	23.78	277
5.0	105.0	32.01	205
10.0	158.0	48.17	137
18.0	222.0	67.68	97