



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper Clad Steel	0.92±0.02	.0362±0.0008
2. Dielectric	PTFE	2.995±0.05	.1179±0.002
3. Outer Conductor	Tin Soaked Copper Braid	3.58±0.05	.1409±0.002

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	70%
Capacitance)	98pF/m 29.99pF/Ft
Time Delay	4.7 nS/m 1.433 nS/ft
Max.Operating Voltage	2.0 kVrms
MAX. Operating frequency	20 GHz
Min.Screening Effectiveness up to 1GHz	110 dB

Mechanical Characteristics

Min.Bending Radius Static	15mm	.591 inch
Weight(g/m)		

Environmental Characteristics

Operating Temperature Range(°C)	-55~+125
---------------------------------	----------

Attenuation & Average Power @ 20°C and Seal Leavel

Frequency(GHz)	Attenuation		Power(CW)
	dB/1m	dB/Ft	
0.5	0.26	0.08	483.5
1.0	0.38	0.12	336.2
5.0	0.91	0.28	140.4
10.0	1.37	0.42	94.6
20.0	2.09	0.64	62.7