



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	7X0.102	7X.004
2. Dielectric	PTFE	0.86	0.0339
3. Outer Conductor	Double Silver Plated Copper Braid	1.70	0.0669
4. Jacket	FEP	2.23	0.0878

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	70%
Capacitance)	96.45pF/m 29.20pF/Ft
Max. Operating Voltage (KV RMS)	1
Max. Operating Frequency	3 GHz

Mechanical Characteristics

Bending Radius (mm)	11.5 0.4528
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Environmental Characteristics

Operating Temperature Range(°C)	-55~+200
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Attenuation

Frequency(MHz)	Attenuation	
	dB/m	dB/ft
100	0.45	0.14
400	0.91	0.28
1000	1.46	0.44
3000	2.57	0.78