


Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper Clad Steel	0.94	0.037
2. Dielectric	PTFE	3.00	0.118
3. Outer Conductor	Double Silver Plated Copper Braid	3.95	0.156
4. Jacket	FEP	4.95	0.195

Electrical Characteristics

Impedance	50 ohms
Velocity of Propagation	70%
Capacitance	96.45pF/m 29.54pF/Ft
Max.Oper Frequency	8000 MHz
Max.Oper Voltage	1900 Vrms

Mechanical Characteristics

Bending Radius	25 mm 0.984 inch
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Environmental Characteristics

Operating Temperature Range(°C)	-55~+200
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Attenuation & Average Power @ 20°C and Sea Level

Frequency(MHz)	Attenuation	
	dB/100m	dB/100Ft
100	12.50	3.811
400	25.60	7.805
1000	42.00	12.805
3000	78.10	23.811
5000	105.00	32.102
6000	136.00	41.305