



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	7X0.792	7X.0312
2. Dielectric	PTFE	7.24	0.2850
3. Outer Conductor	Double Silver Plated Copper Braid	8.50	0.3346
4. Jacket	FEP	9.91	0.3902

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	70%
Capacitance)	96.45pF/m 29.20pF/Ft
Max. Operating Voltage (KV RMS)	1.875
Max. Operating Frequency	11 GHz

Mechanical Characteristics

Bending Radius (mm)	54 2.1260
Weight(g/m)	225

Environmental Characteristics

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

Frequency(MHz)	Attenuation		Power(KW CW)
	dB/100m	dB/100Ft	
100	6.60	2.01	4.5
400	14.10	4.30	1.9
1000	23.60	7.20	1.1
3000	46.30	14.12	0.6
5000	64.00	19.52	0.3
11000	108.90	33.21	-----