



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.91	0.0358
2. Dielectric	ND PTFE	2.75	0.1083
3. Inner Braid	Silver Plated Copper Tape	3.00	0.1181
4. Barrier	Aluminum Thin	3.14	0.1236
5. Outer Braid	Outer Braid Str. Stl	3.36	0.1323
6. Jacket	Blue FEP	3.60	0.1417

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	76%
Operation Frequency (GHz)	26.5 GHz
Voltage Withstand (V.DC)	900 V
Shielding Effectiveness	90 dB

Mechanical Characteristics

Min.Bending Radius Static (mm)	10	0.3937
Min.Bending Radius Repeated(mm)	35	1.3780
Weight(g/m)	33	

Environmental Characteristics

Operating Temperature Range(°C)	-55~+125
Storage Temperature Range(°C)	-65~+125

Attenuation & Average Power @ 20°C and Seal Level

Frequency(MHz)	Attenuation		Power(KW CW)
	dB/100m	dB/100Ft	
300	21.64	6.60	0.640
1000	39.80	12.14	0.348
2000	56.67	17.28	0.244
4000	80.90	24.67	0.171
6000	99.80	30.44	0.139
10000	130.31	39.74	0.106
12000	143.43	43.75	0.097
14000	155.59	47.45	0.089
16000	167.01	50.94	0.083
18000	177.81	54.23	0.078
20000	188.09	57.37	0.074
22000	197.94	60.37	0.070
26500	218.77	66.72	0.063