



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Stranded Silver Plated Copper	1.02	0.0402
2. Inner Jacket	FEP	1.20	0.0472
3. Dielectric	LD PTFE	3.03	0.1193
4. Outer Conductor	Silver Plated Copper Tape	3.22	0.1268
5. Middle Jacket	PTFE	3.47	0.1366
6. Outer Conductor	Silver Plated Copper Braid	4.05	0.1594
7. Jacket	Green PUR	5.20	0.2047

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	76%
Shielding Effectiveness	90 dB
Operating Frequency	26.5 GHz
Voltage Withstand (V.DC)	1500

Mechanical Characteristics

Min.Bending Radius Static (mm)	26	1.0236
Min.Bending Radius Repeated(mm)	52	2.0472
Weight(g/m)	55	

Environmental Characteristics

Operating Temperature Range(°C)	-55~+85
Storage Temperature Range(°C)	-65~+85

Attenuation & Average Power @ 25°C and Seal Leavel

Frequency(MHz)	Attenuation		Power(KW CW)
	dB/100m	dB/100Ft	
300	20.5	6.25	0.280
1000	38.5	11.74	0.149
2000	55.90	17.05	0.102
4000	82	25.01	0.070
6000	103.3	31.51	0.055
8000	121.90	37.18	0.047
10000	139	42.40	0.041
12000	154.90	47.24	0.037
14000	170.00	51.85	0.034
18000	198.10	60.42	0.029
20000	211.40	64.48	0.027
26500	252.10	76.89	0.023