


Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper(37X0.4)	2.80	0.110
2. Dielectric	LD PTFE	7.70	0.303
3. Outer Conductor	Bonded Aluminum Foil	7.83	0.308
4. Braid	Silver Plated Copper	8.40	0.331
5. Jacket	GRAY FEP	9.00	0.354

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	76%
Operation frequency	13.5 GHz

Mechanical Characteristics

Min.Bending Radius Static (mm)	46	1.8110
Min.Bending Radius Repeated(mm)	92	3.6220
Weight(g/m)	215	

Environmental Characteristics

Operating Temperature Range(°C)	-55~+165
Storage Temperature Range(°C)	-65~+165

Attenuation & Average Power @ 20°C and Seal Level

Frequency(MHz)	Attenuation		Power(KW CW)
	dB/100m	dB/100Ft	
0.4	0.24	0.07	109.57
80	3.44	1.05	7.60
150	4.72	1.44	5.51
220	5.76	1.76	4.52
450	8.32	2.54	3.12
1000	15.00	4.58	2.04
2000	21.5	6.56	1.41
3000	27.50	8.39	1.12
4000	31.00	9.46	0.95
4500	33.50	10.22	0.89
5000	35.60	10.86	0.84
5800	37.50	11.44	0.77
6000	38.00	11.59	0.75