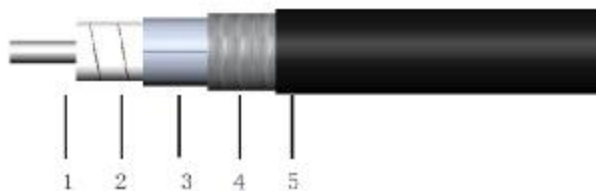


EP610



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Copper Clad Aluminum	5.2	0.2047
2. Dielectric	LD PTFE	13.89	0.5469
3. Outer Conductor	Metal Foil	13.99	0.5508
	+ Silver Plated Copper Braid	14.8	0.5827
4. Jacket	Black FEP	15.5	0.6102

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	84%
Cutoff frequency	6 GHz
Max.Operating Voltage	5 kVrms
Shielding Effectiveness	90 dB

Mechanical Characteristics

Min.Bending Radius Static (mm)	60
Min.Bending Radius Repeated(mm)	150
Weight(g/m)	360

Environmental Characteristics

Operating Temperature Range(°C)	-55~+155
Storage Temperature Range(°C)	-65~+155

Attenuation & Average Power @ 20°C and Seal Leavel

Frequency(MHz)	Attenuation		Power(KW CW)
	dB/100m	dB/100Ft	
60	1.6	0.49	19.854
220	3.2	0.98	10.2
450	4.6	1.4	7.029
500	4.8	1.46	6.651
800	6.2	1.89	5.189
900	6.6	2.01	4.874
1000	7	2.13	4.607
2000	10.2	3.11	3.166
3000	12.7	3.87	2.531
4000	15	4.57	2.153
5000	17	5.18	1.897
6000	18.9	5.76	1.708