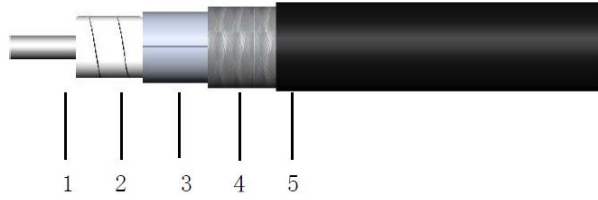


EP610S



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Stranded Copper Clad Aluminum(19X1.04)	5.20	0.2047
2. Dielectric	LD PTFE	13.15	0.5177
3. Outer Conductor	Metal Foil	13.30	0.5236
	+ Silver Plated Copper Braid	13.80	0.5433
4. Jacket	GRAY FEP	14.50	0.5709

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	83%
Cutoff frequency	6 GHz
Max.Operating Voltage	5 kVrms
Shielding Effectiveness	90 dB

Mechanical Characteristics

Min.Bending Radius Static (mm)	50
Min.Bending Radius Repeated(mm)	150
Weight(g/m)	420

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	
0.4	0.2	0.0609	229.70
2.0	0.4	0.1219	102.49
13	1.1	0.3352	55.23
80	2.7	0.8226	30.15
220	4.6	1.4015	18.53
450	6.7	2.0414	13.00
500	7.1	2.1632	12.50
800	9.1	2.7726	10.50
1000	10.2	3.1078	8.30
1500	12.8	3.8999	6.10
3000	18.9	5.7585	4.40
6000	28.2	8.5921	3.00