

Coaxial Cable LF-400 (LMR-400)



Construction Specification

	Material	Diameter(mm)
Inner Conductor	CCA	2.74
Dielectric	Foam PE	7.24
Outer Conductor	Bonded Aluminum Foil+ Tinned copper clad aluminum	8.13
Jacket	PE	10.29

Electrical Characteristics& Mechanical Characteristics

Impedance (Ohm)	50
Capacitance (pF/m)	78
Velocity (%)	85
Jacket Spark (VRMS)	8000
Peak Power Rating (KW)	16
Shielding Effectiveness (>dB)	90
Cut-off Frequency (GHz)	16.2

Attenuation & Average Power @ 20 °C and Sea Level

Frequency (MHz)	Attenuation (dB/m)	Average Power (kw)
30	0.02	3.30
50	0.03	2.60
150	0.05	1.50
220	0.06	1.20
450	0.09	0.83
900	0.13	0.58
1500	0.17	0.44
1800	0.19	0.40
2000	0.20	0.37
2500	0.22	0.33
5800	0.35	0.21
6000	0.36	0.21