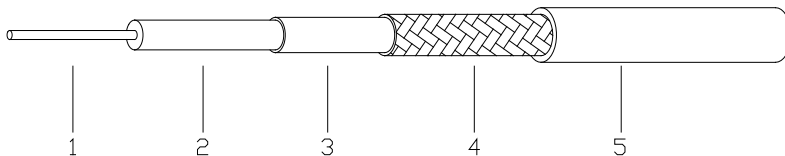


LL-400UF



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Stranded BC	2.74(0.913x7)	0.108
2. Dielectric	Foam PE	7.24	0.285
3. Outer Conductor	Aluminum Tape	7.391	0.291
4. Overall Braid	Tinned Copper	8.08	0.318
5. Jacket	Black Thermoplastic Elastomer	10.29	0.405

Electrical Characteristics

Capacitance	78 PF/m	24 PF/Ft
Impedance	50 ohm	
Velocity of Propagation	83%	
Cutoff frequency	16.2 GHz	
Max.Operating Voltage	2.5 KV	
Min.Screening Effectiveness	90 dB	

Mechanical Characteristics

Min.Bending Radius	25.4mm / 1.0 in
--------------------	-----------------

Environmental Characteristics

Operating Temp(°C)	-40 to +85
--------------------	------------

Attenuation & Average Power @ 20°C and Seal Level

Frequency(MHz)	Attenuation		Ave.Power(KW)
	dB/1m	dB/1Ft	
30	0.027	0.008	2.77
50	0.035	0.011	2.14
150	0.061	0.018	1.22
220	0.074	0.022	1.00
450	0.107	0.033	0.69
900	0.154	0.047	0.48
1500	0.202	0.062	0.36
1800	0.223	0.068	0.33
2000	0.236	0.072	0.31
2500	0.266	0.081	0.28
5800	0.426	0.130	0.17