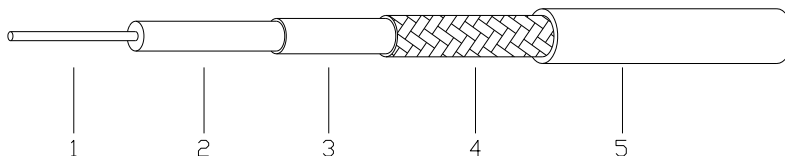


LL-240UF



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Stranded BC	1.42(0.289x19)	0.0559
2. Dielectric	Foam PE	3.81	0.15
3. Outer Conductor	Aluminum Tape	3.94	0.155
4. Overall Braid	Tinned Copper	4.52	0.178
5. Jacket	Black Thermoplastic Elastomer	6.1	0.24

Electrical Characteristics

Capacitance	79.8 PF/m	24.4 PF/Ft
Impedance	50 ohm	
Velocity of Propagation	84%	
Cutoff frequency	31 GHz	
Max.Operating Voltage	1.5 kVrms	
Min.Screening Effectiveness up to 1GHz	90 dB	

Mechanical Characteristics

Min.Bending Radius	19.1mm / 0.75 in
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Environmental Characteristics

Operating Temp(°C)	-40 to +85
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Attenuation & Average Power @ 20°C and Seal Leavel

Frequency(MHz)	Attenuation		Ave.Power(KW)
	dB/1m	dB/1Ft	
30	0.053	0.016	1.24
50	0.068	0.021	0.96
150	0.119	0.036	0.55
220	0.144	0.044	0.45
450	0.208	0.063	0.31
900	0.298	0.091	0.22
1500	0.389	0.118	0.17
1800	0.428	0.13	0.15
2000	0.452	0.138	0.14
2500	0.509	0.155	0.13
5800	0.801	0.244	0.08