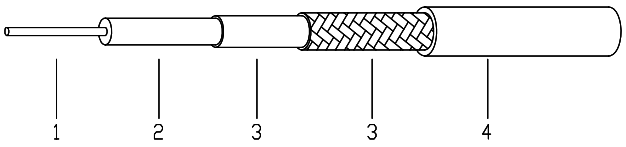
ANO LL-240



Construction Specification

	Material	Diameter(mm)	
		mm	inch
1. Inner Conductor	Solid Copper	1.42	.056
2. Dielectric	Foam Polyethylene	3.81	.150
3. Outer Conductor	Bonded Aluminum Foil	3.94	.155
4. Overall Braid	Tinned Copper	4.52	.178
5 Jacket	Black Polyethylene	6.10	.240

Electrical Characteristics

Capacitance	79.4 pF/m	24.2 pF/ft
Impedance(ohm)	50	
Velocity (%)	84	
Inner Conductor DC Resistance	10.5 Ω/km	3.2 Ω/1000ft
Outer Conductor DC Resistance	12.8 Ω/km	3.89 Ω/1000ft
Shielding Effectiveness(dB)	> 90	

Mechanical Characteristics

Cable Minimum Static Bend Radius	19.1 mm	.75 inch
Cable Minimum Dynamic Bend Radius	63.5	2.5 inch
Weight	0.05 kg/m	.034 lb/ft

Environmental Characteristics

Storage Temp.(℃)	-70 to +85
Installation Temp.(℃)	-40 to +85
Operating Temp(℃)	-40 to +85

Attenuation & Average Power @ 20℃ and Seal Leavel

Frequency(MHz)	Attenuation		Avg.Power(KW)
	dB/100 m	dB/100 Ft	
30	4.4	1.3	1.49
50	5.7	1.7	1.15
150	9.9	3.0	0.66
220	12.0	3.7	0.54
450	17.3	5.3	0.38
900	24.8	7.6	0.26
1500	32.4	9.9	0.20
1800	35.6	10.9	0.18
2000	37.7	11.5	0.17
2500	42.4	12.9	0.15
3000	46.1	14.0	0.14
5800	66.8	20.4	0.10