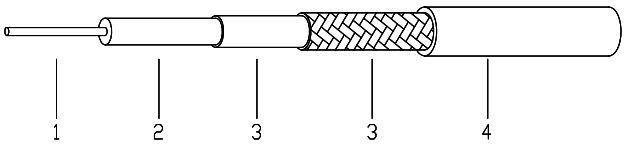
ANO LL-400



Construction Specification

	Material	Diameter(mm)	
		mm	inch
1. Inner Conductor	Solid Copper or Copper Clad Aluminium	2.74	.108
2. Dielectric	Foam Polyethylene	7.24	.285
3. Outer Conductor	Bonded Aluminum Foil	7.39	.291
4. Overall Braid	Tinned Copper	8.13	.320
5 Jacket	Black Polyethylene	10.29	.405

Electrical Characteristics

Capacitance	78.4 pF/m	23.9 pF/ft
Impedance(ohm)	50	
Velocity (%)	85	
Inner Conductor DC Resistance	4.6 Ω/km	1.39 Ω/1000ft
Outer Conductor DC Resistance	5.4 Ω/km	1.65 Ω/1000ft
Shielding Effectiveness(dB)	> 90	

Mechanical Characteristics

Cable Minimum Static Bend Radius	25.4 mm	1.0 inch
Cable Minimum Dynamic Bend Radius	101.6 mm	4.0 inch
Weight	0.10 kg/m	.068 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	2.2	0.7	3.33
50	2.9	0.9	2.57
150	5.0	1.5	1.47
220	6.1	1.9	1.20
450	8.9	2.7	0.83
900	12.8	3.9	0.58
1500	16.8	2.1	0.44
1800	18.6	5.7	0.40
2000	19.6	6.0	0.37
2500	22.2	6.8	0.33
3000	24.2	7.4	0.31
5800	35.5	10.8	0.21