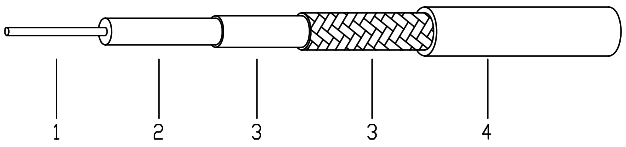
ANO LL-100



Construction Specification

	Material	Diameter(mm)	
		mm	inch
1. Inner Conductor	Solid Copper or Copper Clad Steel	0.46	.018
2. Dielectric	Solid Polyethylene	1.52	.060
3. Outer Conductor	Bonded Aluminum Foil	1.65	.065
4. Overall Braid	Tinned Copper	2.11	.083
5 Jacket	Black Polyethylene	2.79	.110

Electrical Characteristics

Capacitance	101.1 pF/m	30.8 pF/ft
Impedance(ohm)	50	
Velocity (%)	66	
Inner Conductor DC Resistance	266 Ω/km	81.0 Ω/1000ft
Outer Conductor DC Resistance	31.2 Ω/km	9.5 Ω/1000ft
Shielding Effectiveness(dB)	> 90	

Mechanical Characteristics

Cable Minimum Static Bend Radius	6.4 mm	.25 inch
Cable Minimum Dynamic Bend Radius	25.4 mm	1 inch
Weight	0.014 kg/m	.0092 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	12.9	3.9	0.230
50	16.7	5.1	0.180
150	29.4	8.9	0.100
220	35.8	10.9	0.083
450	51.9	15.8	0.057
900	74.9	22.8	0.039
1500	98.7	30.1	0.029
1800	109.0	33.2	0.027
2000	115.5	35.2	0.025
2500	130.6	39.8	0.022
3000	142.7	43.5	0.021
5800	210.3	64.1	0.013