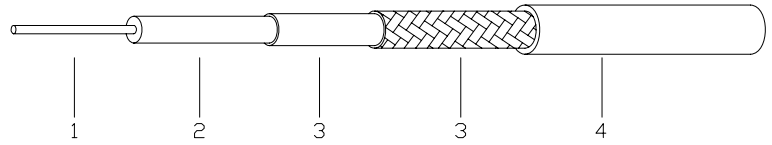


ANO LL400-lite



Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Copper Clad Aluminium	2.74
2.Dielectric	Physical Foam Polyethylene	7.24
3.Outer Conductor	Bonded Aluminum Foil + Aluminum Magnesium Braid	8.13
4.Jacket	Black PVC or Polyethylene	10.29

Electrical Characteristics

Capacitance(PF/m)	77.1
Impedance(ohm)	50
Velocity (%)	85
Inner Conductor DC Resistance(Ω /km)	2.92
Outer Conductor DC Resistance(Ω /km)	5.41
Shielding Effectiveness(dB)	>90
VSWR \leq (Returnloss \geq dB)	
5-3000MHz	1.20 (20)
800-1000MHz	1.10 (26)
1700-2000MHz	1.15 (23)
2000-2400MHz	1.15 (23)

Mechanical Characteristics

Min.Bend Radius (mm)	51
Storage Temp.($^{\circ}$ C)	-70 to +85
Installation Temp.($^{\circ}$ C)	-40 to +85
Operating Temp($^{\circ}$ C)	-40 to +85

Attenuation & Average Power @ 20 $^{\circ}$ C and Seal Level

Frequency(MHz)	Attenuation(dB/100m)	Avg.Power(KW)
30	2.20	2.91
150	5.00	1.28
450	8.90	0.72
900	12.80	0.50
1500	16.80	0.38
2000	19.60	0.33
2500	22.20	0.29
3000	24.80	0.26
5800	35.50	0.18