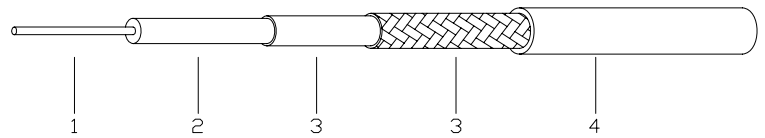


ANO LL300-lite



Construction Specification		
	Material	Diameter(mm)
1.Inner Conductor	Copper Clad Aluminium	1.78
2.Dielectric	Physical Foam Polyethylene	4.83
3.Outer Conductor	Bonded Aluminum Foil + Aluminum Magnesium Braid	5.72
4.Jacket	Black PVC or Polyethylene	7.62
Electrical Characteristics		
Capacitance(PF/m)		78.8
Impedance(ohm)		50
Velocity (%)		85
Inner Conductor DC Resistance(Ω /km)		6.96
Outer Conductor DC Resistance(Ω /km)		7.25
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)		38
Storage Temp.($^{\circ}$ C)		-25 to +70
Installation Temp.($^{\circ}$ C)		-25 to +70
Operating Temp($^{\circ}$ C)		-25 to +70
Attenuation & Average Power @ 20 $^{\circ}$ C and Seal Level		
Frequency(MHz)	Attenuation(dB/100m)	Avg.Power(KW)
30	3.50	1.78
50	4.50	1.38
150	7.90	0.79
220	9.60	0.65
450	13.80	0.45
900	19.90	0.31
1500	26.00	0.24
1800	28.70	0.22
2000	30.30	0.21
2500	34.20	0.18
3000	37.50	0.17
5800	54.30	0.11