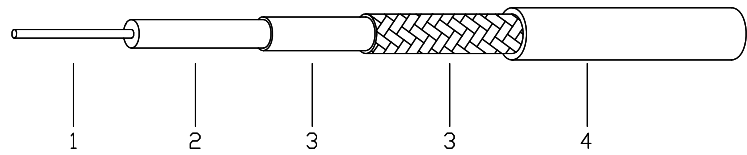


ANO LL-500



| Construction Specification | | |
|----------------------------|--|--------------|
| | Material | Diameter(mm) |
| 1.Inner Conductor | Solid Copper or Copper Clad Aluminium | 3.61 |
| 2.Dielectric | Physical Foam Polyethylene | 9.4 |
| 3.Outer Conductor | Bonded Aluminum Foil + Tinned Copper Braid | 10.29 |
| 4.Jacket | Black PVC or Polyethylene | 12.70 |

| Electrical Characteristics | |
|--|-----------|
| Capacitance(PF/m) | 77.1 |
| Impedance(ohm) | 50 |
| Velocity (%) | 85 |
| Inner Conductor DC Resistance(Ω /km) | 1.68 |
| Outer Conductor DC Resistance(Ω /km) | 4.17 |
| 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) | 64 |
| 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 | 1.80 | 2.72 |
| 50 | 2.30 | 2.13 |
| 150 | 4.00 | 1.22 |
| 220 | 4.90 | 1.00 |
| 450 | 7.10 | 0.69 |
| 900 | 10.30 | 0.48 |
| 1500 | 13.60 | 0.36 |
| 1800 | 15.00 | 0.33 |
| 2000 | 15.90 | 0.31 |
| 2500 | 18.00 | 0.27 |
| 3000 | 19.70 | 0.25 |
| 5800 | 29.10 | 0.17 |