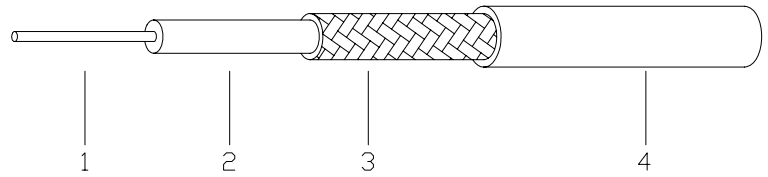


ANO HF047FEP



Construction Specification

| | Material | Diameter(mm) |
|-------------------|---------------------------------|--------------|
| 1.Inner Conductor | Silver Plated Copper Clad Steel | 0.29 |
| 2.Dielectric | PTFE | 0.94 |
| 3.Outer Conductor | Tin Soaked Copper Braid | 1.19 |
| 4.Jacket | FEP | 1.65 |

Electrical Characteristics

| | |
|---|-----|
| Capacitance(PF/m) | 95 |
| Impedance(ohm) | 50 |
| Velocity of Propagation(%) | 70 |
| Operating Frequency(GHz) | 109 |
| Time Delay(ns/m) | 4.7 |
| Max.Operating Voltage(kVrms) | 1.5 |
| Min.Screening Effectiveness up to 18GHz(dB) | 100 |

Mechanical Characteristics

| | |
|---------------------------------|-------------|
| Min.Bending Radius Static(mm) | 4 |
| Min.Bending radius Repeated(mm) | 20 |
| Operating Temp(°C) | -55 to +125 |

Attenuation & Average Power @ 20°C and Seal Level

| Frequency(GHz) | Attenuation(dB/100m) | Power(Watts CW) |
|----------------|----------------------|-----------------|
| 0.5 | 79.0 | 62.2 |
| 1.0 | 112.0 | 43.7 |
| 5.0 | 258.0 | 19.1 |
| 10.0 | 373.0 | 13.3 |
| 20.0 | 544.0 | 9.2 |