



RoHS

Construction Specification

| | Material | Diameter(mm) |
|-------------------|---|--------------|
| 1.Inner Conductor | Silver Plated Copper Clad Steel Silver Plated Copper | 0.51 |
| 2.Dielectric | PTFE | 1.68 |
| 3.Outer Conductor | Copper Tube | 2.20 |

Electrical Characteristics

| | |
|--------------------------------------|------|
| Capacitance(PF/m) | 95.1 |
| Impedance(ohm) | 50 |
| Corona Extinction Voltage(VRMS@60Hz) | 1500 |
| Voltage Withstanding (VRMS@60Hz) | 5000 |
| Moding Frequency(GHz) | 61 |

Mechanical Characteristics

| | |
|-------------------------------------|------------|
| Min.Inside Bend Radius(mm) | 7.63 |
| Outer Conductor Integrity Temp.(°C) | 175 |
| Operating Temp.(°C) | -55 to 125 |

Attenuation & Average Power @ 20°C and Sea Level

| Frequency(GHz) | Attenuation (dB/100m) | Power (Watts CW) |
|----------------|-----------------------|------------------|
| 0.5 | 45.0 | 232.0 |
| 1.0 | 64.0 | 162.4 |
| 5.0 | 151.0 | 69.8 |
| 10.0 | 222.0 | 47.9 |
| 20.0 | 329.0 | 32.6 |