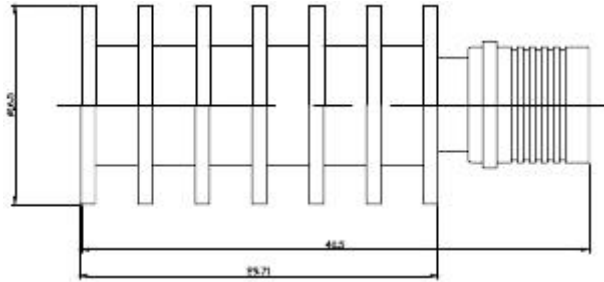


Model UCL-QT-10 10 Watts DC-18GHz



UCL-QT coaxial fixed terminations absorb RF & microwave power and suitable applications include radio base stations and other radio equipment, especially where high density connector population is required.

QMA connector, the quick-insertion edition of SMA, has an approximately identical inner structure with the latter. The QMA interface features a snap-lock mechanism that makes it fast and easy to mate and de-mate, the QMA connector can rotate freely in range of 360 degree after linked, which makes the process of assembly more convenient.

MECHANICAL SPECIFICATIONS

| | |
|------------|------------------------------|
| Connectors | Brass Nickel Plated |
| Male Pin | Brass Gold Plated |
| Female Pin | Beryllium Copper Gold Plated |
| Housing | Aluminum, Black Anodize |
| Temp Range | -55° C ~ +125° C |
| Dimensions | Φ16.5×40.5mm |
| Weight | 20g |

RoHS Compliant: Yes

ELECTRICAL SPECIFICATIONS

| Model Number | Frequency Range (GHz) | Max VSWR |
|----------------|-----------------------|----------|
| UCL-QT-10-3 | DC-3 | 1.10 |
| UCL-QT-10-6 | DC-6 | 1.15 |
| UCL-QT-10-8 | DC-8 | 1.15 |
| UCL-QT-10-12.4 | DC-12.4 | 1.20 |
| UCL-QT-10-18 | DC-18 | 1.30 |

NOMINAL IMPEDANCE: 50Ω

AVERAGE POWER: 10W average to 25°C ambient temperature, derated linearly to 0.1W @ 125°C.

PEAK POWER: 0.25KW (5μs pulse width with 4% duty cycle)

CONNECTOR TYPE: QMA

Notes:

1. Dimensions Tolerance ±2%
2. Dimensions and specifications refer to connector type N unless otherwise specified.
3. Custom designs available.