



UNIVERSAL COOPERATE LTD.

Model UCL-ST5

Coaxial Fixed Termination

5 Watts DC-40GHz



Coaxial fixed terminations absorb RF& microwave energy and are commonly used as dummy loads of antenna and transmitter. They are also used as match ports in many multiport microwave device such as circulator and directional coupler to make these ports which are not involved in the measurement be terminated in their characteristic impedance in order to ensure an accurate measurement.

UCL-ST5 coaxial fixed termination's average power 5W, frequency range dc-40GHz and feature wide frequency band, low VSWR, excellent capacity in anti-pulse and anti-burnout.

NOMINAL IMPEDANCE: 50Ω

AVERAGE POWER: 5W average to 25°C ambient temperature, derated linearly to 0.5W @ 125°C.

PEAK POWER: 0.5KW (5μs pulse width with 1% duty cycle)

TEMPERATURE RANGE: -55°C~+125°C

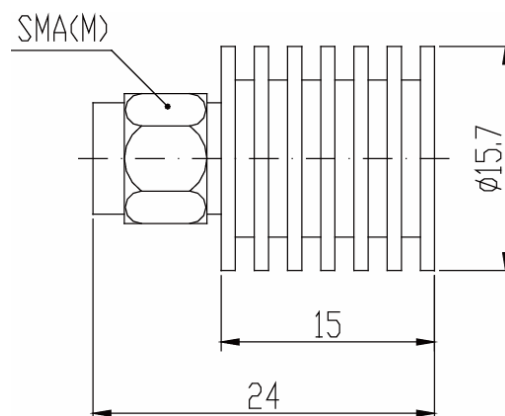
CONNECTOR TYPE: SMA

WEIGHT: 10g

PHYSICAL DIMENSIONS: Φ 15.7×24mm

| Model Number | Frequency Range(GHz) | Max VSWR |
|--------------|----------------------|----------|
| UCL-ST5-3 | DC-3 | 1.10 |
| UCL-ST5-6 | DC-6 | 1.15 |
| UCL-ST5-12.4 | DC-12.4 | 1.20 |
| UCL-ST5-18 | DC-18 | 1.25 |
| UCL-ST5-26.5 | DC-26.5 | 1.30 |
| UCL-ST5-40 | DC-40 | 1.40 |

Outline Drawings



* Dimensions are given in mm and tolerance ±2%.

** VSWR varies according to frequency.

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