



UNIVERSAL COOPERATE LTD.

Model UCL-ST10

Coaxial Fixed Termination

10 Watts DC-18GHz



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-ST10 coaxial fixed termination's average power 10W, frequency range dc-18GHz and feature wide frequency band, low VSWR, excellent capacity in anti-pulse and anti-burnout.

NOMINAL IMPEDANCE: 50Ω

AVERAGE POWER: 10W average to 25°C ambient temperature, derated linearly to 1W @ 125°C.

PEAK POWER: 0.5KW (5μs pulse width with 2% duty cycle)

TEMPERATURE RANGE: -55°C~+125°C

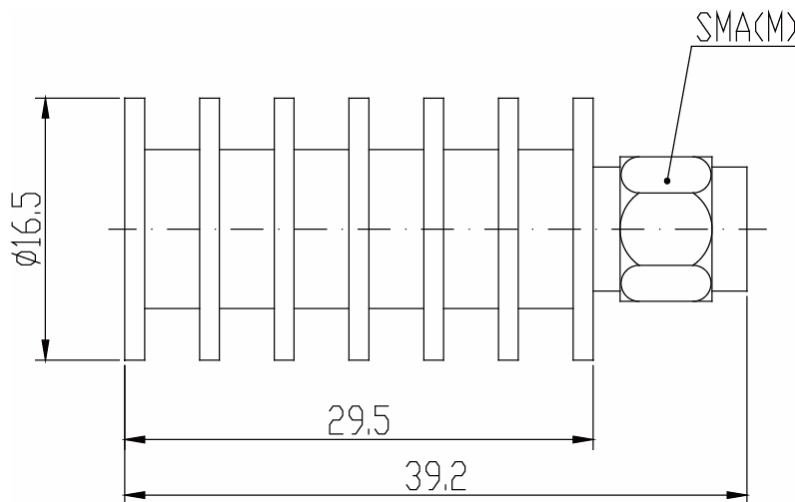
CONNECTOR TYPE: SMA

WEIGHT: 10g

PHYSICAL DIMENSIONS: Φ16.5×39.2mm

Model Number	Frequency Range(GHz)	Max VSWR
UCL-ST10-3	DC-3	1.10
UCL-ST10-6	DC-6	1.25
UCL-ST10-12.4	DC-12.4	1.35
UCL-ST10-18	DC-18	1.45

Outline Drawings



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

** VSWR varies according to frequency.

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