



**UNIVERSAL COOPERATE LTD.**

**Model UCL-HT5000  
Oil-cooled Termination  
5000 Watts DC-1GHz**



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-HT5000 serial oil-cooled high power coaxial fixed termination's average power from 1KW-10KW, frequency range from DC-2GHz and the features include wide frequency band, low VSWR, excellent capacity in anti-pulse and anti-burnout etc.

**NOMINAL IMPEDANCE:** 50Ω

**AVERAGE POWER:** 5000W

**PEAK POWER:** 100KW

(5μs pulse width with 2% duty cycle)

**COOLING METHOD:** oil-cooled+ forced draft

**AMBIENT TEMPERATURE:** -40°C~+45°C

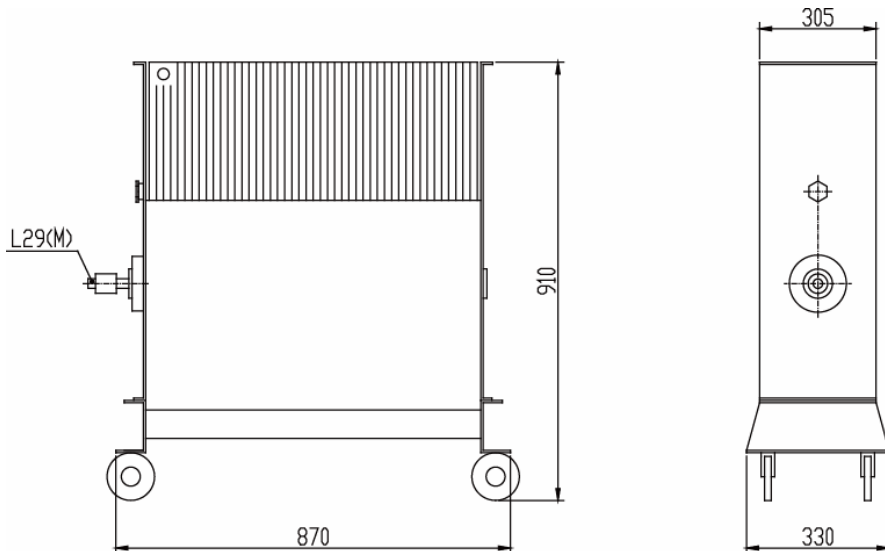
**CONNECTOR TYPE:** L27,7/16,L52

**WEIGHT:** 110Kg

**PHYSICAL DIMENSIONS:** 870×330×910mm

Model Number	Frequency Range(GHz)	Max VSWR
UCL-HT5000	DC-1	1.4

## Outline Drawings



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

\*\* VSWR varies according to frequency.