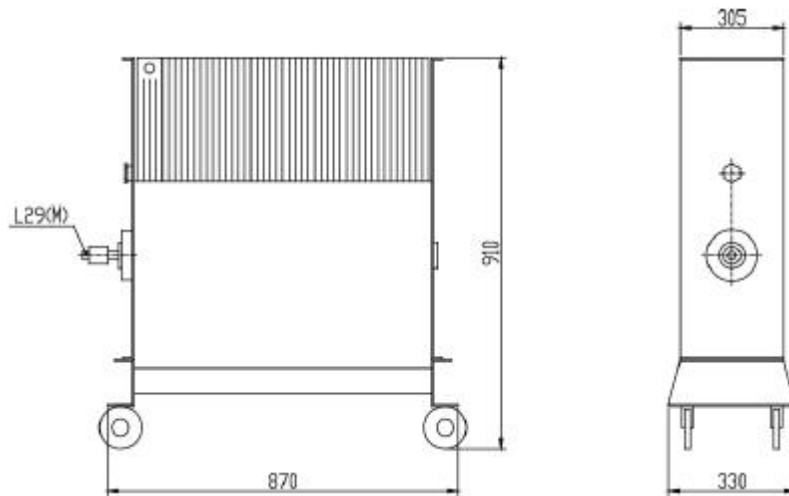


Model UCL-HT10000 Oil-cooled 10000 Watts DC-1GHz



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-HT 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.

MECHANICAL SPECIFICATIONS

| | |
|------------|------------------------------|
| Connectors | Brass Nickel Plated |
| Male Pin | Brass Gold Plated |
| Female Pin | Beryllium Copper Gold Plated |
| Housing | Aluminum, Gray Powder Coat |
| Temp Range | -40° C ~ +45° C |
| Dimensions | 870x330x910mm |
| Weight | 110Kg |

ELECTRICAL SPECIFICATIONS

| Model Number | Frequency Range (GHz) | Max VSWR |
|--------------|-----------------------|----------|
| UCL-HT10000 | DC-1 | 1.4 |

NOMINAL IMPEDANCE: 50Ω

AVERAGE POWER: 10000W

PEAK POWER: 100KW (5μs pulse width with 5% duty cycle)

COOLING METHOD: oil-cooled+ forced draft

CONNECTOR TYPE: L27,7/16,L52

Notes:

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