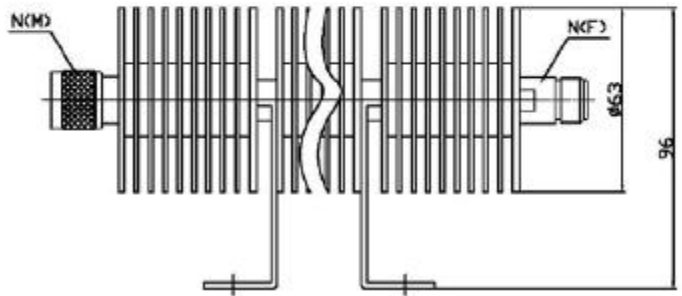
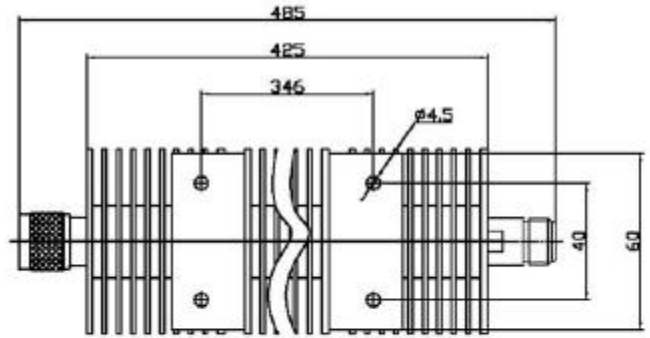


**Model UCL-HP300G 300 Watts DC-10.5GHz**



Coaxial fixed attenuators are used in absorbing energy of transmission line, expanding power range and controlling power level, they are also used in accurately measuring power or spectrum of RF microwave transmitters accompany with small power meter, comprehensive tester or spectrum analyzer.

UCL-HP serial coaxial fixed attenuators' average power 10W-10KW, frequency range DC-40GHz and feature wide frequency band, low VSWR, flatness attenuation value, excellent capacity in anti-pulse and anti-burnout.

### 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	485x63x96mm
Weight	1.5Kg

**RoHS Compliant: Yes**

### ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)	Max VSWR
		30	
UCL-HP300G	DC-10.5	-1/+2	1.4

**NOMINAL IMPEDANCE:** 50Ω

**AVERAGE POWER:** 300W average to 25°C ambient temperature, derated linearly to 30W @ 125°C.

**PEAK POWER:** 10KW (5μs pulse width with 3% duty cycle)

**3<sup>rd</sup> ORDER INTERMODULATION(Optional):** Reflected Levels(IM3) <-100dBc with two input signals @935MHz and 960MHz with average carrier power levels of +43dBm each.

**CONNECTOR TYPE:** N

#### Notes:

★When working time over 5 minutes or surface temperature over 70 °C, one 55W air-cooled fan will be necessary.

1. Dimensions Tolerance ±2%