



UNIVERSAL COOPERATE LTD.

Model UCL-IHP100
Inset Attenuator
100 Watts DC-4GHz



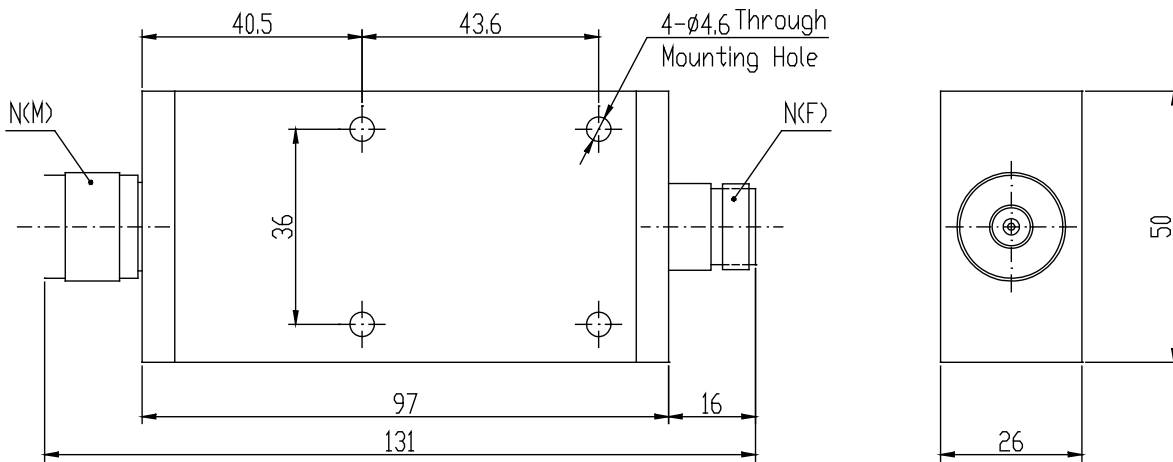
Inset attenuators are used in absorbing energy of transmission line, expanding power range and controlling power level, they are also used in accurately measuring power or spectrum of RF microwave transmitters accompany with small power meter, comprehensive tester or spectrum analyzer.

UCL-IHP100 serial Inset attenuators' average power from 50W-300W, frequency range from DC-4GHz.

NOMINAL IMPEDANCE: 50Ω
AVERAGE POWER: 100W average to 25°C ambient temperature, derated linearly to 10W @ 125°C.
PEAK POWER: 5KW (5μs pulse width with 2% duty cycle)
3rd ORDER INTERMODULATION(Optional): Reflected Levels(IM3) <-100dBc with two input signals @935MHz and 960MHz with average carrier power levels of +43dBm each.
TEMPERATURE RANGE: -55°C~+125°C
CONNECTOR TYPE: N,SMA
WEIGHT: 0.35Kg
PHYSICAL DIMENSIONS: 131×50×26mm

Model Number	Frequency Range(GHz)	Attenuation Value & Accuracy(dB)	Max VSWR
		3,6, 10, 20,30,40	
UCL-IHP100	DC-2	±0.7	1.25
	DC-4	±1.0	1.40

Outline Drawings



* Dimensions are given in mm and tolerance ±2%.
 ** VSWR varies according to frequency and attenuation value.
 *** VSWR and dimensions refer to connector type N.