



**Model UCL-WIHP200**

**Inset Attenuator**

**200 Watts DC-10GHz**



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-WIHP serial Inset attenuators' average power from 50W-200W, frequency range from DC-10GHz.

**NOMINAL IMPEDANCE:** 50Ω

**AVERAGE POWER:** 200W average to 25°C ambient temperature, derated linearly to 20W @ 125°C.

**PEAK POWER:** 5KW (5μs pulse width with 4% 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.

**TEMPERATURE RANGE:** -55°C~+125°C

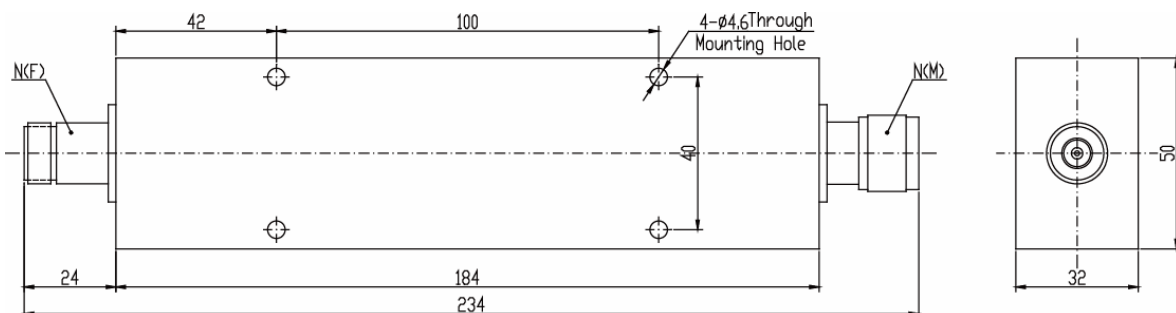
**CONNECTOR TYPE:** N,SMA

**WEIGHT:** 1.1Kg

**PHYSICAL DIMENSIONS:** 234×50×32mm

Model Number	Frequency Range (GHz)	Attenuation & Accuracy(dB)				Max VSWR
		10	20	30	40	
UCL-WIHP200	DC-4	±0.5	±0.5	±0.5	±0.5	1.25
	DC-8	/	±0.75	±0.75	±0.75	1.35
	DC-10	/	±0.75	±0.75	±0.75	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.