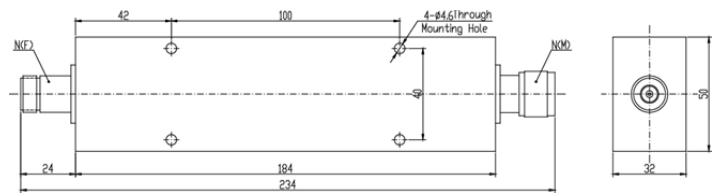


Inset attenuators are used in absorbing energy of transmission line, expanding power range and controlling power level, they are also used in accurately measuring power or spectrum of RF microwave transmitters accompany with small power meter, comprehensive tester or spectrum analyzer.

SAT27B200XXXWN serial Inset attenuators' average power from 50W-200W, frequency range from DC-10GHz.



MECHANICAL SPECIFICATIONS	
Connectors	Brass Nickel Plated
Male Pin	Brass Gold Plated
Female Pin	Beryllium Copper Gold Plated
Housing	Aluminum
Temp Range	-55°C ~ +125°C
Dimensions	234×50×32mm
Weight	1100g

RoHS Compliant: Yes

### ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)				Max VSWR
		10	20	30	40	
SAT27B200XX04WN	DC-4	±1.0	±0.5	±0.5	±0.5	1.25
SAT27B200XX08WN	DC-8	/	±0.75	±0.75	±0.75	1.35
SAT27B200XX10WN	DC-10	/	/	±1.0	±1.0	1.40

Note: XX refer to attenuation value in dB

**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)

**CONNECTOR TYPE:** N

### Notes:

1. Dimensions Tolerance ±5%
2. Custom designs available for other special attenuation value & accuracy.