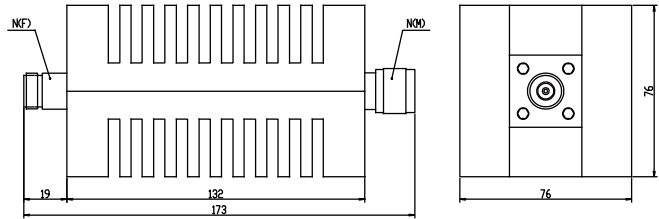


Coaxial fixed attenuators are used in absorbing energy of transmission line, expanding power range and controlling power level, they are also used in accurately measuring power or spectrum of RF microwave transmitters accompany with small power meter, comprehensive tester or spectrum analyzer.

N serial coaxial fixed attenuators' average power from 10W-10KW, frequency range from DC-26.5GHz 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	173×76×76mm
Weight	1.45Kg

RoHS Compliant: Yes

ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)						Max VSWR
		3	6	10	20	30	40	
SAT27B80XX02W	DC-2.5	±0.4	±0.4	±0.3	±0.3	±0.3	±0.3	1.15
SAT27B80XX04W	DC-4	±0.6	±0.6	±0.5	±0.5	±0.4	±0.4	1.20
SAT27B80XX06W	DC-6	±0.8	±0.8	±0.75	±0.75	±0.6	±0.6	1.30
SAT27B80XX08W	DC-8	/	/	±1.0	±0.75	±0.7	±0.7	1.35
SAT27B80XX10W	DC-10	/	/	/	/	±0.8	±0.8	1.40

Note: XX refer to attenuation value in dB

NOMINAL IMPEDANCE: 50Ω

AVERAGE POWER: 80W average to 25°C ambient temperature, derated linearly to 8W @ 125°C

PEAK POWER: 5KW (5μs pulse width with 1.6% duty cycle)

CONNECTOR TYPE: N

Notes:

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