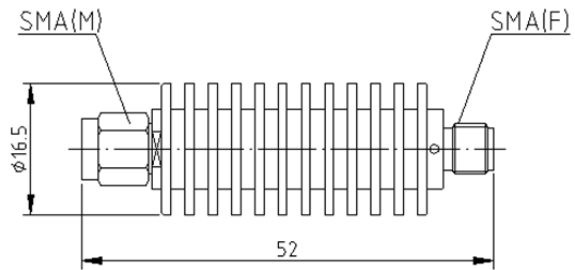


Coaxial fixed attenuators are used in absorbing energy of transmission line, expanding power range and controlling power level, they are also used in accurately measuring power or spectrum of RF microwave transmitters accompany with small power meter, comprehensive tester or spectrum analyzer.

SMA coaxial fixed attenuators' average power 20W, frequency range from DC-26.5GHz and feature wide frequency band, low VSWR, flatness attenuation value and excellent capacity in anti-pulse and anti-burnout etc.



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	Ø16.5×52mm
Weight	15g

RoHS Compliant: Yes

## ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range(GHz)	Attenuation Value & Accuracy (dB)						Max VSWR
		3	6	10	20	30	40	
SAT18B20XX08	DC-8	±0.8	±0.8	±0.8	±0.8	±0.8	±0.8	1.20
SAT18B20XX12	DC-12.4	±0.8	±0.8	±0.8	±0.8	±0.8	±0.8	1.25
SAT18B20XX 18	DC-18	-0.8/+1.2	-0.8/+1.2	-0.8/+1.0	±0.8	±0.8	±0.8	1.30
SAT18B20XX26	DC-26.5	-1.0/+1.5	-1.0/+1.5	-1.0/+1.5	-1.0/+1.5	-1.0/+1.5	-1.0/+1.5	1.35

Note: XX refer to attenuation value in dB

**NOMINAL IMPEDANCE:** 50Ω

**AVERAGE POWER:** 20W average to 25°C ambient temperature, derated linearly to 2W @ 125°C

**PEAK POWER:** 0.5KW (5μs pulse width with 4% duty cycle)

**CONNECTOR TYPE:** SMA

## Notes:

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