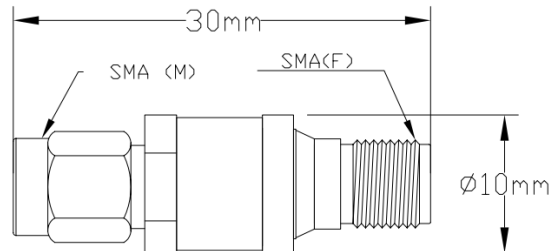


2 W FIXED ATTENUATOR DC-8GHz

Model: ATS-002W-8GHz-XX DC-8GHz 2Watts



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.

ATS serial coaxial fixed attenuators' average power 1W-500W, frequency range 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 Gold Plated
PIN	Beryllium copper Gold Plate
HOUSING	Brass Gold Plated
INSULATOR	PTFE Virgin Electrical Grade
OPERATING TEMP.	-55° C to +125° C
Dimensions (mm)	Ø10 x 30mm
WEIGHT kg	9 g

RoHS compliant: Yes

ELECTRICAL SPECIFICATIONS

Model	Frequency Range (GHz)	Attenuation & Accuracy (dB)					Power AVG(W)	Max VSWR
		1-9	10	20	30	40		
ATS-001W-4GHz-XX	DC-4	±0.70	±0.70	±0.70	±1.00	±1.20	2	≤1.15
ATS-001W-8GHz-XX	DC-8	±0.70	±0.70	±0.70	±1.00	±1.20		≤1.20

Nominal impedance: 50Ω

PORT: SMA (Input /male – Output /female)

AVERAGE POWER: 2W average to 25°C ambient temperature

PEAK POWER: 100W (5μs pulse width 4% duty cycle)

CONNECTOR TYPE: SMA

Notes:

- 1) Dimensions Tolerance ±5%
- 2) Dimension and specifications refer to connector type N unless otherwise specified
- 3) Customer designs available for other special attenuators value and accuracy