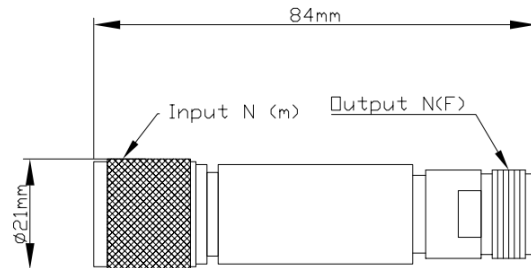


## 5 W FIXED ATTENUATOR N TYPE

Model: ATS-005W-12.4GHz-XX DC-12.4GHz 5Watts



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-18GHz and feature wide frequency band, low VSWR, flatness attenuation value, excellent capacity in anti-pulse and anti-burnout

MECHANICAL SPECIFICATIONS	
CONNECTORS	Brass Nickel Plated
PIN	Beryllium copper Gold Plate
HOUSING	Brass Nickel Plated
INSULATOR	PTFE Virgin Electrical Grade
OPERATING TEMP.	-55° C to +125° C
Dimensions (mm)	Ø21 x 84mm
WEIGHT kg	135g

RoHS compliant: Yes

### ELECTRICAL SPECIFICATIONS

Model	Frequency Range (GHz)	Attenuation & Accuracy (dB)					Power AVG(W)	Max VSWR
		3/6	10	20	30	40		
ATS-005W-12.4GHz-XX	DC-4.0	±0.5	±0.50	±0.50	±0.5	±0.5	5	≤1.15
	DC-12.4	±0.5	±0.50	±0.50	±0.6	±0.7	5	≤1.25

**Nominal impedance:** 50Ω

**PORT:** N (male / female)

**AVERAGE POWER:** 5W average to 25°C ambient temperature, derated linearly to 0.5W @ 125°C.

**PEAK POWER:** 0.5kW (5µs pulse width 0.4% duty cycle)

**CONNECTOR TYPE:** N

**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