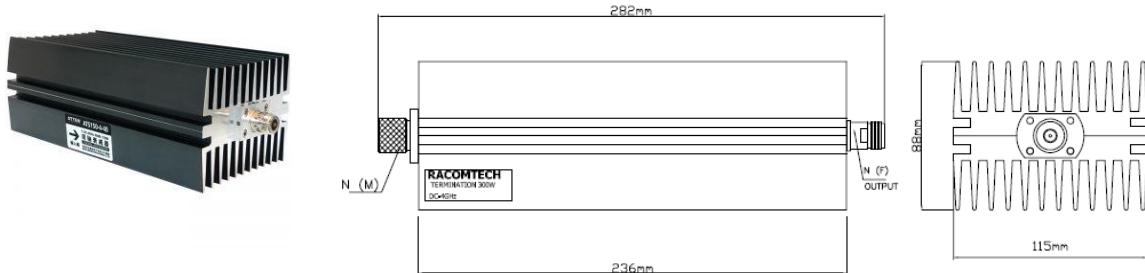


250 W FIXED ATTENUATOR DC-4GHz

Model: ATS-250-4GHz-XX DC-4GHz 250Watts



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-10KW, 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 Nickel Plated
PIN	Brass Silver Plate
HOUSING	Aluminium, Black Anodize
INSULATOR	PTFE Virgin Electrical Grade
OPERATING TEMP.	-55° C to +125° C
Dimensions (mm)	282 x 115 x 89
WEIGHT kg	3.38kg

RoHS compliant: Yes

ELECTRICAL SPECIFICATIONS

Model	Frequency Range (GHz)	Attenuation & Accuracy (dB)				Power AVG(W)	Max VSWR
		10	20	30	40		
ATS-250-4GHz-XX	DC-1	±0.40	±0.40	±0.60	±0.60	150	≤1.10
	DC-2	±0.50	±0.50	±0.70	±0.80		≤1.20
	DC-3	±0.75	±0.85	±0.85	±0.95		≤1.30
	DC-4	±0.8	±1.00	±1.00	±1.50		≤1.35

Nominal impedance: 50Ω

PORT: N , DIN716 (Input /male – Output /female)

AVERAGE POWER: 250W average to 25°C ambient temperature, derated linearly to 15W @125°C.

PEAK POWER: 10kW (5μs pulse width 5% duty cycle)

3rdORDER INTERMODURATION (Optional): Reflected Levels (IM3) <-100dbC with two input signals@935MHz and 960MHz with average carrier power levels of 43dBm each

CONNECTOR TYPE: N TYPE, DIN716

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