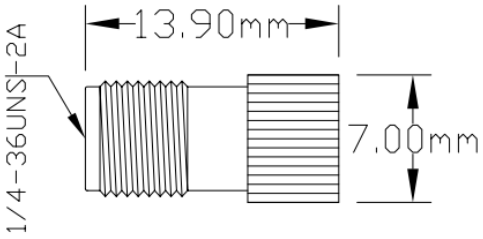
1W Coax Termination SMA female

Model: SMA-F-12.4GHz-1W DC- 12.4 GHz 1Watt



Coaxial fixed terminations absorb RF & microwave energy and are commonly used as dummy loads of antenna and transmitter. They are also used as match ports in many multiport microwave devices such as circulator and directional coupler to make these ports which are not involved in the measurement be terminated in their characteristic impedance in order to ensure an accurate measurement.

SMAFE coaxial fixed termination average power 2W, frequency range dc-6GHz and feature wide frequency band, low VSWR, 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)	Ø7 x 14mm
WEIGHT kg	5g

RoHS compliant: Yes

ELECTRICAL SPECIFICATIONS

Model	Frequency Range (GHz)	Power AVG(W)	Max VSWR
SMA-F-12.4GH-1W	DC – 12.4	1	≤1.2

Nominal impedance: 50Ω

AVERAGE POWER: 1W average to 25°C ambient temperature, derated linearly to 0.5W @ 125°C.

PEAK POWER: 0.25kW (5µs pulse width 0.8% duty cycle)

CONNECTOR TYPE: SMA (female)

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