

FEATURES

- Small Size
- High Accuracy
- High Stability
- Rugged Design

APPLICATIONS

- Wireless Communication
- Laboratory Test



Electrical Specifications

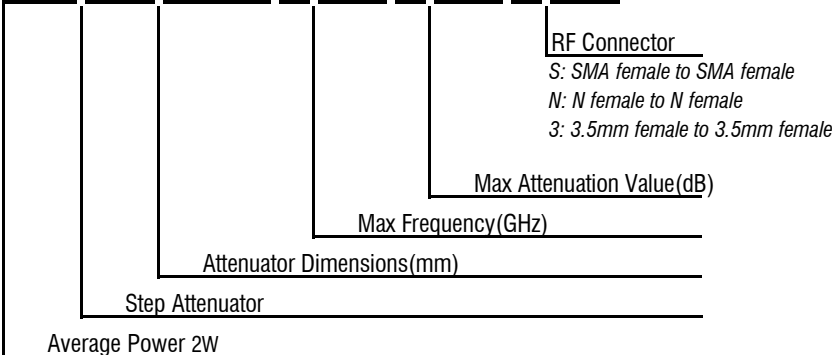
Frequency Range	DC~12.4GHz
Attenuation Range/Steps	0~99.9dB in 0.1dB steps
Attenuation Accuracy	±0.5dB (0~0.9dB) ±1.0dB (1~9.9dB) ±1.5dB (10~19dB) ±2.0dB (20~49dB) ±2.5dB (50~69dB) ±3dB (70~99dB)
VSWR	1.65 max.
Insertion Loss	1.6 max.
Impedance	50 Ohms
Average Power	2W
Peak Power	200 Watts (5μs pulse width, 1% duty cycle)

Mechanical Specifications

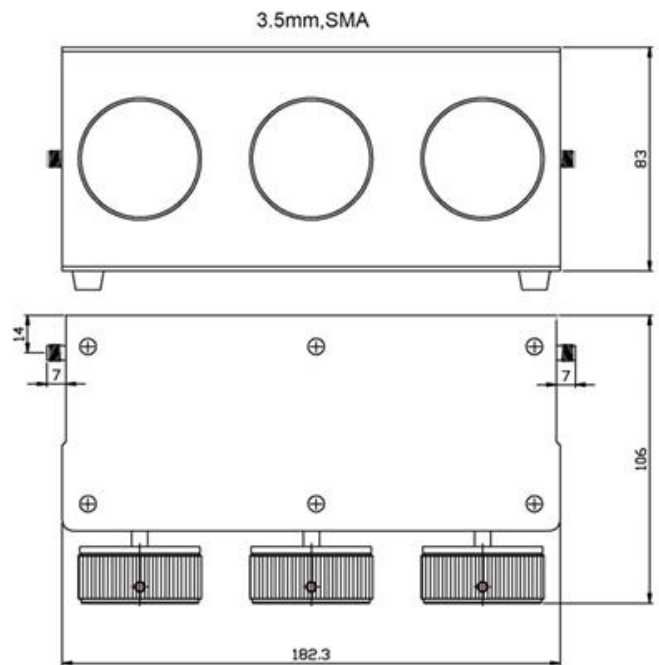
Connector	SMA(f-f), N(f-f) or 3.5mm(f-f)
Connector Material	Brass Nickel Plated
Female Pin	Beryllium Copper, Gold Plated
Housing	Aluminum, Anodic Oxidation
Temperature Range	0°C ~ +54°C
Weight	1335g
Size	182.3×106×83mm exclusive of connectors
RoHS Status	RoHS Compliant

Ordering Information

2W SA 182106 - 12.4 - 99.9 - Y



Outline Drawings [mm]



* 2WSA182106-12.4-99.9-Y becomes:

2WSA182106-12.4-99.9-S when frequency range DC~12.4GHz, 0~99.9dB attenuation in 0.1dB steps, average power 2W, SMA connectors, are desired.

* 2WSA182106-12.4-99.9-Y becomes:

2WSA182106-12.4-99.9-N when frequency range DC~12.4GHz, 0~99.9dB attenuation in 0.1dB steps, average power 2W, N connectors, are desired.