成都巨人微波
TITAN MICROWAVE INC.
- A Professional RF & Microwave Components Supplier -

2WSA182106-8-99.9-Y

Rotary Step Attenuator

DC～8GHz, 0～99.9dB/0.1dB, 2W, SMA/N/3.5mm

FEATURES

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

APPLICATIONS

- Wireless Communication
- Laboratory Test

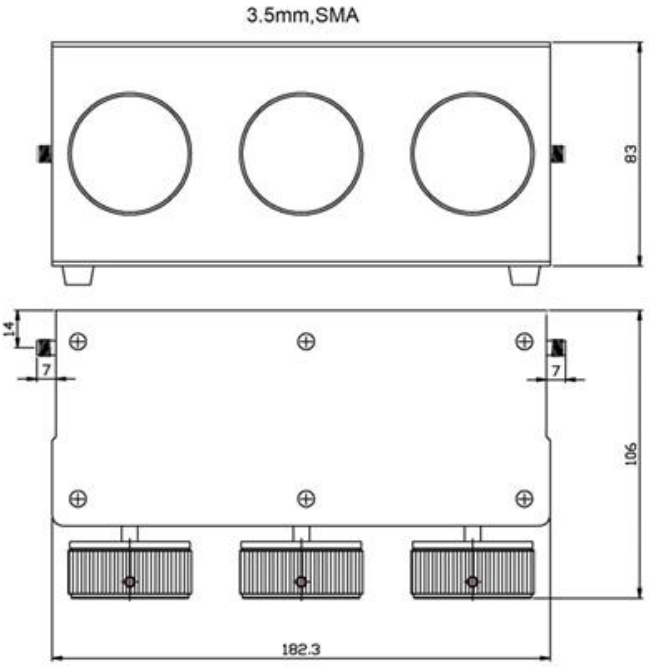
Electrical Specifications

Frequency Range	DC～8GHz
Attenuation Range/Steps	0～99.9dB in 0.1dB steps
Attenuation Accuracy	±0.5dB (0～0.9dB)
	±0.8dB (1～9.9dB)
	±1.5dB (10～19dB)
	±2.0dB (20～49dB)
	±2.5dB (50～69dB)
	±3dB (70～99dB)
VSWR	1.5 max.
Insertion Loss	1.3 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℃～+54℃
Weight	1335g
Size	182.3×106×83mm exclusive of connectors
RoHS Status	RoHS Compliant

Outline Drawings[mm]



Ordering Information

2W SA 182106 - 8 - 99.9 - Y

- Y: RF Connector
  - *S: SMA female to SMA female*
  - *N: N female to N female*
  - *3: 3.5mm female to 3.5mm female*
- 99.9: Max Attenuation Value(dB)
- 8: Max Frequency(GHz)
- 182106: Attenuator Dimensions(mm)
- SA: Step Attenuator
- 2W: Average Power 2W

❇ *2WSA182106-8-99.9-Y becomes:*
2WSA182106-8-99.9-S *when frequency range DC～8GHz, 0～99.9dB attenuation range in 0.1dB steps, average power 2W, SMA connectors, are desired.*

❇ *2WSA182106-8-99.9-Y becomes:*
2WSA182106-8-99.9-N *when frequency range DC～8GHz, 0～99.9dB attenuation range in 0.1dB steps, average power 2W, N connectors, are desired.*