

2WSA182106-12.4-99.9-Y

Rotary Step Attenuator DC~12.4GHz, 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~12.4GHz				
Attenuation Range/Steps	0~99.9dB in 0.1dB steps				
Attenuation Accuracy	± 0.5 dB (0 \sim 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)				
Machanical Specifications					

Mechanical Specifications

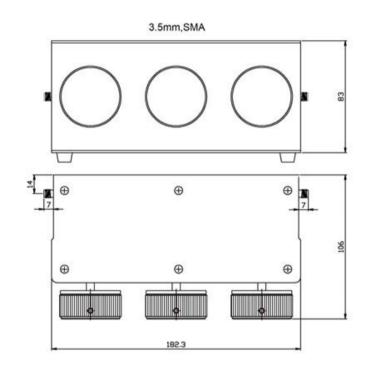
SMA(f-f), N(f-f) or 3.5mm(f-f) Connector **Connector Material Brass Nickel Plated** Beryllium Copper, Gold Plated Female Pin Housing Aluminum, Anodic Oxidation Temperature Range 0°C~+54°C Weight 1335g 182.3×106×83mm exclusive of connectors Size

RoHS Compliant RoHS Status

Ordering Information

2W	SA	182106	-	12.4	-	99.9	-	Y			
								RF Connector	_		
						S: SMA female to SMA female					
					N: N female to N female						
								3: 3.5mm female	to 3.5mm fen		
				Max Attenuation Value(dB)							
		Max Frequency(GHz)									
	Attenuator Dimensions(mm)										
	Ste	Attenuator							_		
Ave	rage Pov	ver 2W							_		

Outline Drawings[mm]



2WSA182106-12.4-99.9-\$\text{ when frequency range DC} ~12.4\text{GHz}, 0\times 99.9\text{dB attenuation in 0.1dB steps, average power 2W, SMA connectors, are desired.}

5mm female

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.

^{* 2}WSA182106-12.4-99.9- Y becomes:

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