

2WSA182106-18-99.9-Y

Rotary Step Attenuator DC~18GHz, 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~18GHz			
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	2.0 max.			
Insertion Loss	1.7 max.			
Impedance	50 Ohms			
Average Power	2W			
Peak Power	200 Watts			
	(5µs pulse width, 1% duty cycle)			
Marshariant OraniCartina				

Mechanical Specifications

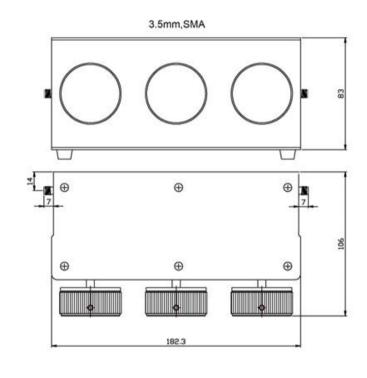
SMA(f-f), N(f-f) or 3.5mm(f-f) Connector **Connector Material Brass Nickel Plated** Beryllium Copper, Gold Plated Female Pin Housing Aluminum, Anodic Oxidation Temperature Range 0°C~+54°C Weight 1335g 182.3×106×83mm exclusive of connectors Size

RoHS Compliant RoHS Status

Ordering Information

2W	SA	182106	-	18	-	99.9	-	Υ	
								RF Connector S: SMA female to SMA female N: N female to N female 3: 3.5mm female to 3.5mm female	
						Max	(Att	enuation Value(dB)	
			Max Frequency(GHz)						
		Attenuator Dimensions(mm)							
	Ste	p Attenuator							
Ave	rage Pov	wer 2W							

Outline Drawings[mm]



2WSA182106-18-99.9-S when frequency range DC~18GHz, 0~99.9dB attenuation in 0.1dB steps, average power 2W, SMA connectors, are desired.

2WSA182106-18-99.9-N when frequency range DC~18GHz, 0~99.9dB attenuation in 0.1dB steps, average power 2W, N connectors, are desired.

^{* 2}WSA182106-18-99.9-Y becomes:

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