NSA18B

DC~18GHz, 0~99dB, 5W

Features:
* Low VSWR
* High Attenuation Flatness

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Description

NSA18B series Rotary Stepped Attenuators cover frequency range DC~18GHz. Rotary stepped attenuators can adjust the power level of microwave circuit in a certain frequency range by step.

Specifications

Frequency (GHz)	Attenuation Range/Step (dB)	VSWR (Max.)	IL (dB Max.)	Attenuation Accuracy (±dB)	Avg Power (W)	Connectors
DC~8	0~69/1	1.5	1	0.5 (0~9dB@DC~8GHz), 0.8 (0~9dB@8~18GHz), 1 (10~19dB), 1.5 (20~49dB), 2 (50~69dB)	2, 5	SMA
DC~12.4		1.6	1.25			
DC~18		1.75	1.5			
0.1~8	0~99/1	1.5	1	0.5 (0~9dB@0.1~8GHz), 0.8 (0~9dB@8~18GHz), 1 (10~19dB), 1.5 (20~49dB), 2 (50~69dB), 2.5 or 3.5% (70~99dB)	2, 5	SMA
0.1~12.4		1.6	1.25			
0.1~18		1.75	1.5			

Electrical

Impedance:	50Ω
Peak Powr*[1]:	200W

[1] Pulse width: 5us, duty cycle: 0.5%.

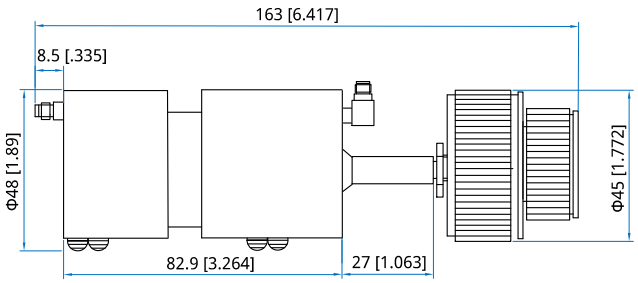
Mechanical

Size:	Φ48*163mm
	Φ1.89*6.417in
Weight:	480g
RF Connectors:	SMA Female
Outer Conductor:	Stainless Steel
Inner Conductor:	Gold Plated Beryllium Copper
Housing Materials:	Aluminum

Environmental

Temperature:	0~+54℃

Outline Drawings



Unit: mm [inch]
Tolerance: ±1mm [±0.04in]

How To Order

NSA18B-W-X-Y-Z

W: Stop Frequency in GHz
X: Maximum attenuation in dB
Y: Power in Watts
Z: Connector type

Connector naming rules:
S - SMA Female

Examples:
To order an attenuator, DC~12.4GHz, 0~69dB attenuation, 2W, SMA female, specify NSA18B-12.4-69-2-S.

Customization is available upon request.