NSA06C

DC~6GHz, 0~100dB, 10W

Features:
* Low VSWR
* High Attenuation Flatness

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Description

NSA06C series Rotary Stepped Attenuators cover frequency range DC~6GHz. 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~2.5	0~11/0.1	1.4	1.2	0.3 (1dB), 0.5 (2~11dB)	2, 10	N
DC~3		1.45	1.2			
DC~4.3		1.5	1.5			
DC~6		1.65	1.8			
DC~2.5	0~70/1	1.4	1.2	0.8 or 3% (0~60dB), 1.5 or 3% (61~70dB)	2, 10	N
DC~3		1.45	1.2			
DC~4.3		1.5	1.5			
DC~6		1.65	1.8			
DC~2.5	0~100/1	1.4	1.2	0.8 or 3% (0~59dB), 1.5 or 3% (60~69dB), ±3.5% (70~100dB)	2, 10	N
DC~3		1.45	1.2			

Electrical

Impedance:	50Ω
Peak Powr*[1]:	100W

[1] Pulse width: 5us, duty cycle: 2%.

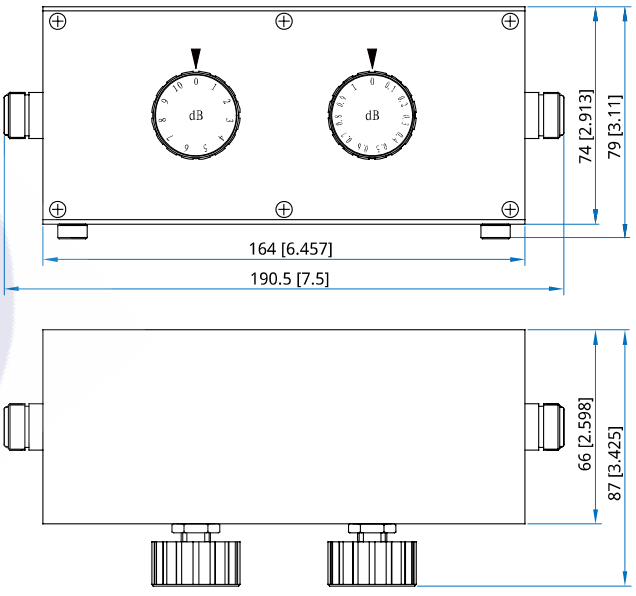
Mechanical

Size:	190.5*87*79mm
	7.5*3.425*3.11in
Weight:	1Kg
RF Connectors:	N Female
Housing Materials:	Aluminum

Environmental

Temperature:	-20~+85℃

Outline Drawings



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

NSA06C-W-X-Y-Z
W: Stop Frequency in GHz
X: Maximum attenuation in dB
Y: Power in Watts
Z: Connector type

Connector naming rules:
N - N Female

Examples:
To order an attenuator, DC~4.3GHz, 0~70dB attenuation, 2W, N female, specify NSA06C-4.3-70-2-N.

Customization is available upon request.