QSA06D

DC~6GHz, 0~101dB, 10W

Features:
* Low VSWR
* High Attenuation Flatness

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Description

QSA06D 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	0~71/0.1	1.5	1.5	0.3 (0.1~1dB), 0.4 (1~10dB), 0.8 (10~60dB), 1.5 (71dB)	2, 10	N
DC~3		1.6	1.7			
DC~4.3		1.7	2			
DC~6		1.75	2.5			
DC~2.5	0~101/0.1	1.5	1.5	0.3 (0.1~1dB), 0.4 (1~10dB), 0.8 (10~60dB), 1.5 (61~70dB), ±3.5% (70~101dB)	2, 10	N
DC~3		1.6	1.7			

Electrical

Impedance:	50Ω
Peak Powr*[1]:	100W

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

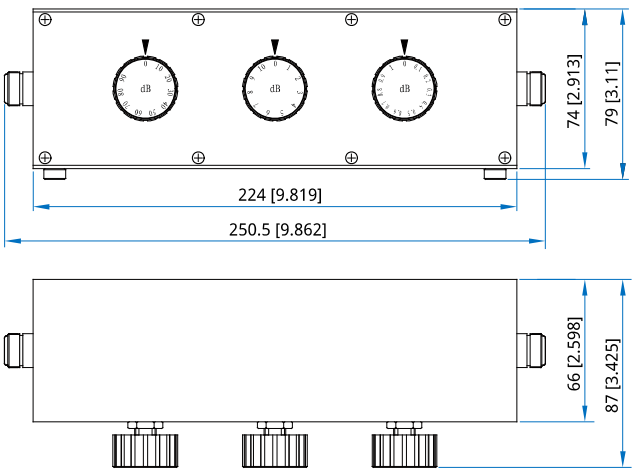
Mechanical

Size:	250.5*87*79mm
	9.862*3.425*3.11in
Weight:	1.25Kg
RF Connectors:	N Female
Housing Materials:	Aluminum

Environmental

Temperature:	-20~+85℃

Outline Drawings



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

How To Order

QSA06D-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, 0~71dB attenuation, 2W, N female, specify QSA06D-4.3-71-2-N.

Customization is available upon request.