

QSA06C

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

Features:

- * Low VSWR
- * High Attenuation Flatness

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test
- * Radar

Description

QSA06C 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 (\pm 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), \pm 3.5% (70~100dB)	2, 10	N
DC~3		1.45	1.2			

Electrical

Impedance: 50 Ω

Peak Power^{*1}: 100W

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

Mechanical

Size: 190.5*87*79mm

7.5*3.425*3.11in

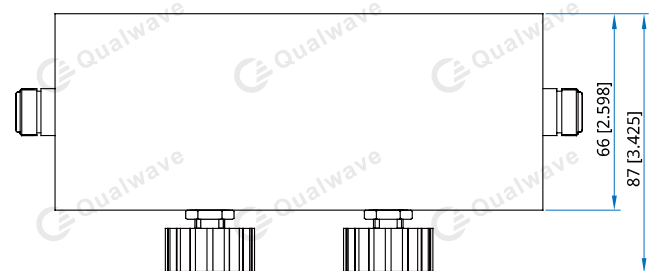
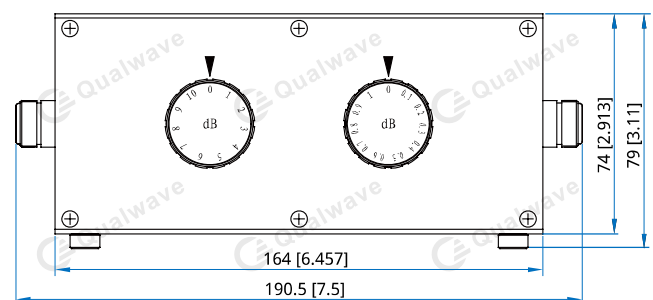
Weight: 1Kg

RF Connectors: N Female

Housing Materials: Aluminum

Environmental

Temperature: -20~+85 $^{\circ}$ C

Outline Drawings


Unit: mm [inch] Tolerance: \pm 1mm [\pm 0.04in]

How To Order**QSA06C-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 QSA06C-4.3-70-2-N.

Customization is available upon request.