

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 DC~3 DC~4.3 DC~6 | 0~11/0.1 | 1.4 1.45 1.5 1.65 | 1.2 1.2 1.5 1.8 | 0.3 (1dB), 0.5 (2~11dB) | 2, 10 | N |
| DC~2.5 DC~3 DC~4.3 DC~6 | 0~70/1 | 1.4 1.45 1.5 1.65 | 1.2 1.2 1.5 1.8 | 0.8 or 3% (0~60dB), 1.5 or 3% (61~70dB) | 2, 10 | N |
| DC~2.5 DC~3 | 0~100/1 | 1.4 1.45 | 1.2 1.2 | 0.8 or 3% (0~59dB), 1.5 or 3% (60~69dB), \pm 3.5% (70~100dB) | 2, 10 | N |

Electrical

Impedance: 50 Ω
Peak Power^{*1}: 100W

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

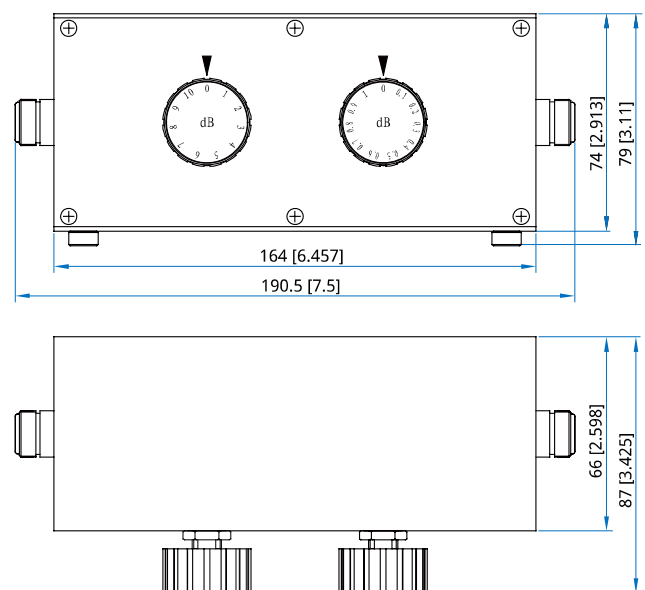
Mechanical

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

Environmental

Temperature: -20~+85°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.