

QSA06D

DC~6GHz, 0~121dB, 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 (<1dB), 0.5 (1~10dB), 0.8 or 3% (10.1~69.9dB), 3.5% (≥70dB) | 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 (<1dB), 0.5 (1~10dB), 0.8 or 3% (10.1~69.9dB), 3.5% (≥70dB) | 2, 10 | N |
| DC~3 | | 1.6 | 1.7 | | | |
| DC~6 | 0~95/1 | 1.75 | 2.5 | 0.5 (≤10dB), 0.8 or 3% (11~69dB), 6% (70~99dB), 7% (100~121dB) | 2, 10 | N |
| | 0~110/1 | | | | | |
| | 0~121/1 | | | | | |

Electrical

Impedance: 50Ω
Peak Power^{*1}: 100W

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

Environmental

Temperature: -20~+85°C

Mechanical

Size: 250.5*87*79mm
9.862*3.425*3.11in

Weight: 1.63Kg

RF Connectors: N Female

Housing Materials: Aluminum

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:

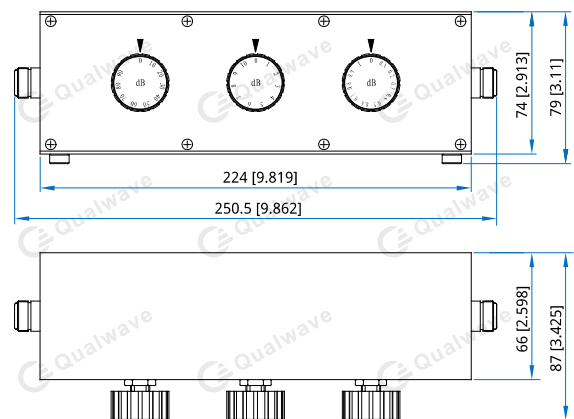
N - N Female

Examples:

To order an attenuator, DC~6GHz, 0~121dB attenuation, 2W, N female, specify QSA06D-6-121-2-N.

Customization is available upon request.

Outline Drawings



Unit: mm [inch]

Tolerance: ±1mm [±0.04in]