

QSA06A

DC~6GHz, 0~90dB, 10W

Features:

- * Low VSWR
- * High Attenuation Flatness

Applications:

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

Electrical

Frequency:	DC~6GHz
Attenuation Range/Step:	0~1dB/0.1dB 0~10dB/1dB 0~60dB/10dB 0~90dB/10dB
Impedance:	50Ω
Average Power:	2, 10W@25°C max.

Attenuation Accuracy vs. Attenuation

Attenuation (dB)	Attenuation Accuracy (±dB)
0~1	0.3
1~50	0.5
50~90	3.2

VSWR & Insertion Loss

Frequency (GHz)	VSWR (max.)	Insertion Loss (dB, max.)
DC~2.5	1.25	0.4 (0.5 for 0~1dB atten.)
DC~3	1.3	0.5
DC~4.3	1.35	0.75
DC~6	1.4	1

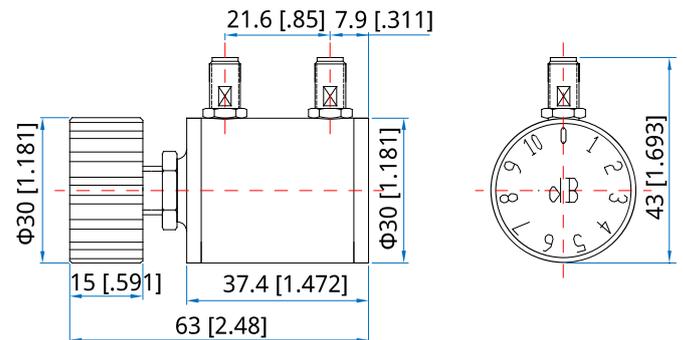
Mechanical

Size:	Φ30*63mm Φ1.181*2.48in
Weight:	250g
RF Connectors:	SMA Female N Female
Housing Materials:	Aluminum

Environmental

Temperature: -20~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±1mm [±0.04in]

How To Order

QSA06A-W-X-Y-Z

W: Frequency in GHz

X: Maximum attenuation in dB

Y: Power in Watts

Z: Connector type

Connector naming rules:

N - N

S - SMA

Examples:

To order an attenuator, DC-6GHz, 0~60dB attenuation, 2W, SMA female, specify QSA06A-6-60-2-S.