

QSA18A

DC~18GHz, 0~90dB, 25W

Features:

- * Low VSWR
- * High Attenuation Flatness

Applications:

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

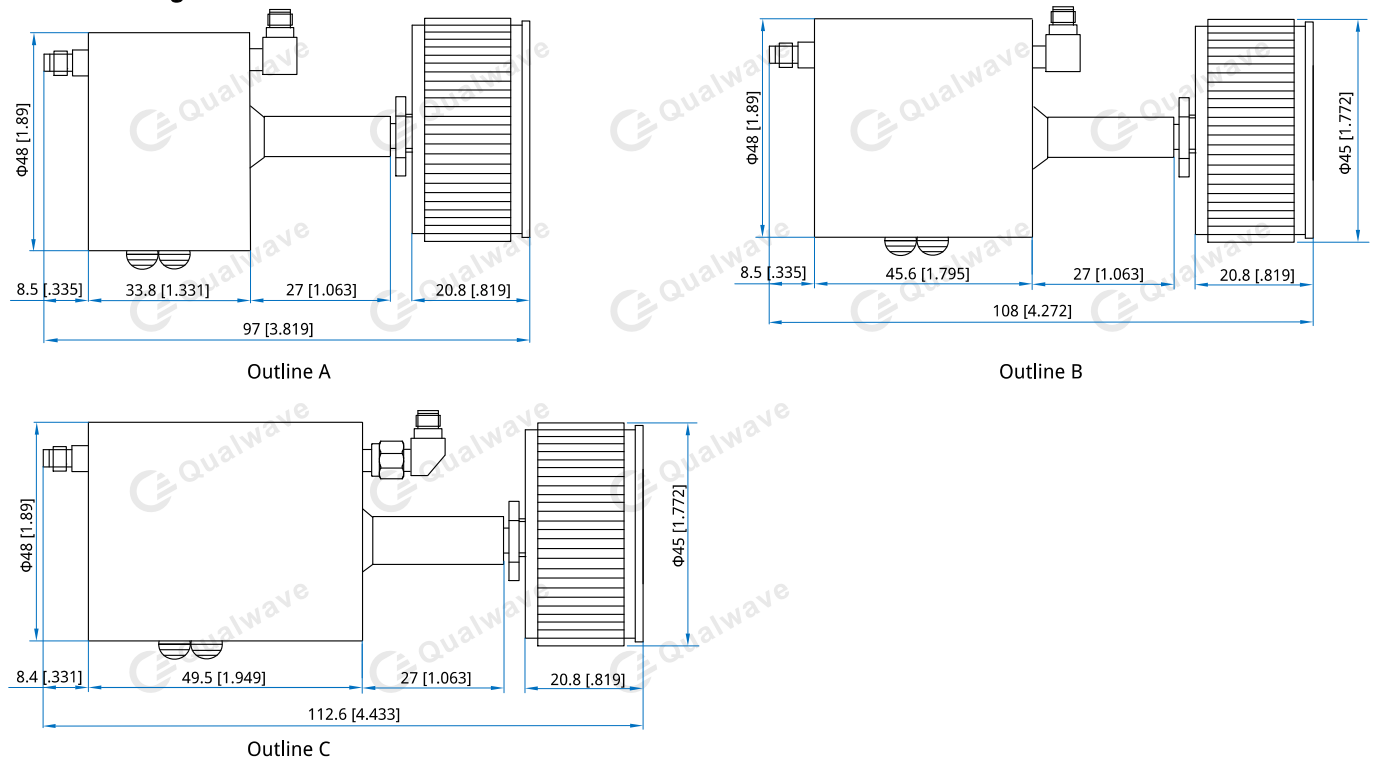
Description

QSA18A series Rotary Stepped Attenuators cover frequency range DC~18GHz. 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~8	0~9/1	1.4	0.8	0.6	2, 10	SMA
DC~12.4		1.5	1	0.8		
DC~18		1.6	1.2	1		
DC~18	0~70/10	1.65	1	1.5 or 4%	25	SMA
DC~8	0~90/10	1.4	1	1.5 (0~60dB), 2.5 or 3.5% (70~90dB)	2, 10	SMA
DC~12.4		1.5	1.2			
DC~18		1.6	1.5			

Outline Drawings



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

Electrical

Impedance: 50Ω
Peak Power^{*1}: 200W

[1] Pulse width: 5μs, duty cycle: 1%.

Mechanical

Weight: 280g max.
RF Connectors: SMA Female
Housing Materials: Aluminum

Environmental

Temperature: 0~+54°C

How To Order

QSA18A-W-X-Y-Z

W: Stop Frequency in GHz

X: Maximum attenuation in dB (Outline A - 2W 0~9dB, Outline B - 2W 0~90dB/10W, Outline C - 25W)

Y: Power in Watts

Z: Connector type

Connector naming rules:

S - SMA Female

Examples:

To order an attenuator, DC~8GHz, 0~9dB attenuation, 2W, SMA female, specify QSA18A-8-9-2-S.

Customization is available upon request.