

QSA26A

DC~26.5GHz, 0~99dB, 10W

Features:

- * Low VSWR
- * High Attenuation Flatness

Applications:

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

Description

QSA26A series Rotary Stepped Attenuators cover frequency range DC~26.5GHz. 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	0~69/1	1.5	1.25	0.5 (0~9dB@DC~8GHz), 0.8	2, 10	N, SMA, 3.5mm
DC~12.4		1.6	1.5	(0~9dB@8~18GHz), 1 (10~19dB),		
DC~18		1.75	1.75	1.5 (20~49dB), 2 (50~69dB)		
DC ~ 26.5	0~69/1	1.85	2.2	1.5 (1~9dB), 1.75 (10~19dB), 2 (20~49dB), 2.5 (50~69dB)	2, 10	3.5mm
DC~8	0~99/1	1.5	1.25	0.5 (0~9dB@0.1~8GHz), 0.8	2	N, SMA, 3.5mm
DC~12.4		1.5	1.5	(0~9dB@8~18GHz), 1 (10~19dB),		
DC~18		1.75	1.5	1.5 (20~49dB), 2 (50~69dB), 2.5 or 3.5% (70~99dB)		
DC~8	0~99/1	1.5	1.25	0.5 (0~9dB@0.1~8GHz), 0.8	10	N, SMA, 3.5mm
DC~12.4		1.6	1.5	(0~9dB@8~18GHz), 1 (10~19dB),		
DC~18		1.75	1.75	1.5 (20~49dB), 2 (50~69dB), 2.5 or 3.5% (70~99dB)		

Electrical

Impedance: 50 Ω

Peak Power^{*1}: 200W

^[1] Pulse width: 5 μ s, duty cycle: 0.5%.

Mechanical

RF Connectors: N Male & Female

SMA Female

3.5mm Female

Housing Materials: Aluminum

Environmental

Temperature: 0~+54°C

Customization is available upon request.

How To Order

QSA26A-W-X-Y-Z

W: Stop Frequency in GHz

X: Maximum attenuation in dB

Y: Power in Watts

Z: Connector type

Connector naming rules:

S - SMA Female (Outline B)

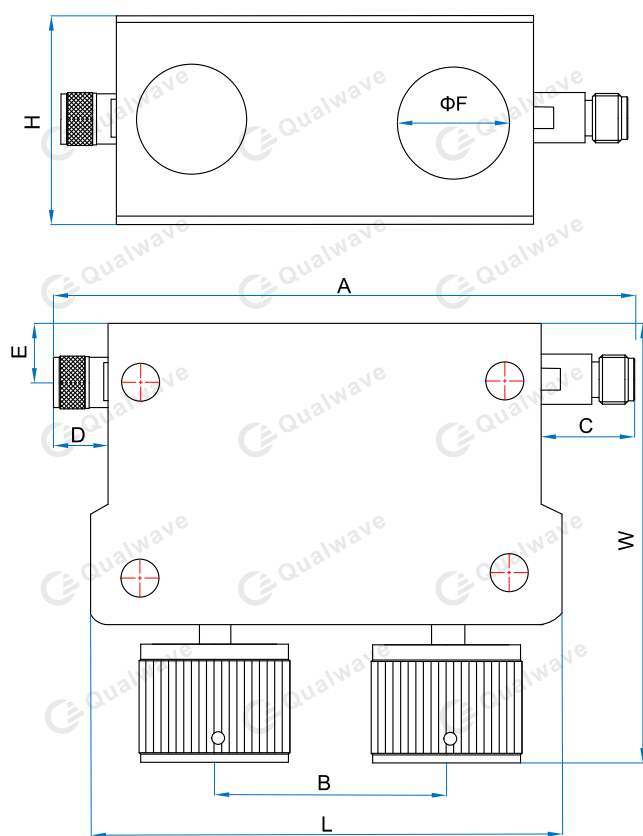
N - N male & female (Outline A)

3 - 3.5mm female (Outline B)

Examples:

To order an attenuator, DC~26.5GHz, 0~69dB attenuation, 2W, 3.5mm female, specify QSA26A-26.5-69-2-3.

Outline Drawings



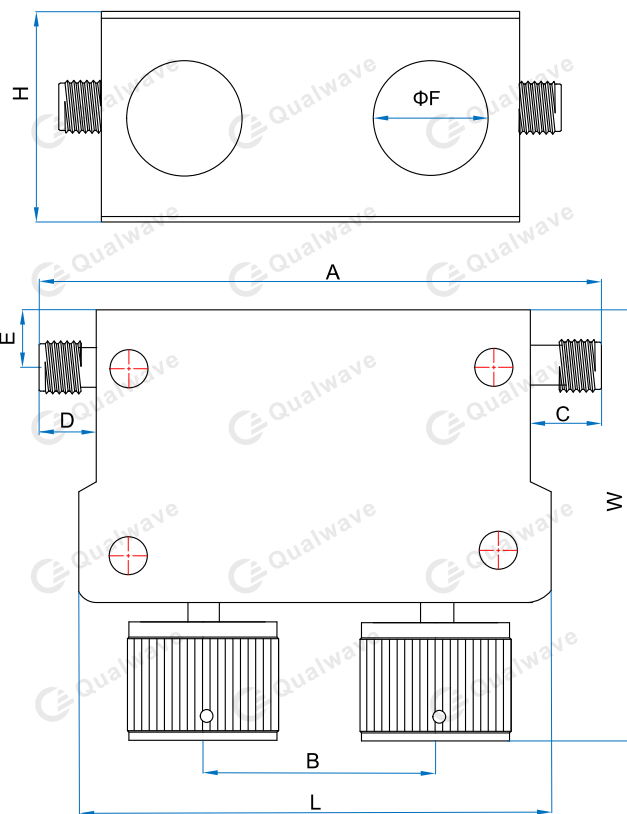
Outline A

2W

Size	L	W	H	A	B	C	D	E	F
mm	115	106	83	163	57.4	27	24	14	45
in	4.528	4.173	3.268	6.417	2.260	1.063	0.945	0.551	1.772

10W

Size	L	W	H	A	B	C	D	E	F
mm	126	106	83	174	74.1	27	24	14	45
in	4.961	4.173	3.268	6.850	2.917	1.063	0.945	0.551	1.772



Outline B

2W

Size	L	W	H	A	B	C	D	E	F
mm	115	106	83	126	57.4	7	7	14	45
in	4.528	4.173	3.268	4.961	2.260	0.276	0.276	0.551	1.772

10W

Size	L	W	H	A	B	C	D	E	F
mm	126	106	83	137	74.1	7	7	14	45
in	4.961	4.173	3.268	5.394	2.917	0.276	0.276	0.551	1.772

Unit: mm [in]

Tolerance: ±1mm [±0.04in]