QSA18A

DC~18GHz, 0~80dB, 10W

Features:
* Low VSWR
* High Attenuation Flatness

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	DC~18GHz
Attenuation Range/Step:	0~9dB/1dB, 0~80dB/10dB
Impedance:	50Ω
Average Power:	2, 10W@25℃ max.

Attenuation Accuracy vs. Attenuation

Attenuation (dB)	Attenuation Accuracy (±dB)
0~9	1
10~60	1.5
70	2.5
80	2.8

VSWR & Insertion Loss

Frequency (GHz)	VSWR (max.)	Insertion Loss (dB, max.)
DC~8	1.4	1
DC~12.4	1.5	1.2
DC~18	1.6	1.5

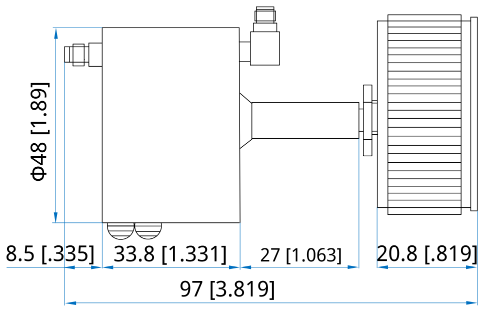
Mechanical

Weight:	300g max.
RF Connectors:	SMA Female
Housing Materials:	Aluminum

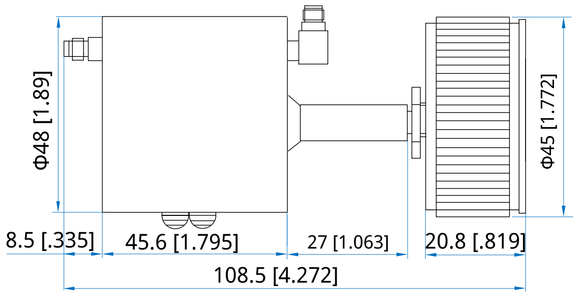
Environmental

Temperature:	0~+54℃

Outline Drawings



Outline A - 0~9dB



Outline B - 0~80dB

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

How To Order

QSA18A-X-Y-Z

X: Frequency in GHz
Y: Maxinum attenuation in dB
Z: Power in Watts

Examples:
To order an attenuator, DC-8GHz, 0~9dB attenuation, 2W, specify QSA18A-8-9-2.