

# QLAS-1000-18000-50-25

1~18GHz, 50dB, 2.5dB

Features:  
 \* Broadband  
 \* Low Noise

Applications:  
 \* Wireless  
 \* Receiver  
 \* Laboratory Test  
 \* Radar



## Electrical

Frequency:	1~18GHz
Small Signal Gain:	50dB min.
Gain Flatness:	±2dB typ.
Output Power (P1dB):	16dBm typ.
Noise Figure:	2.5dB typ.
Spurious:	-60dBc max.
VSWR:	2 typ.
Voltage:	+85~+265V AC
Impedance:	50Ω

## Absolute Maximum Ratings\*1

RF Input Power: +20dBm

[1] Permanent damage may occur if any of these limits are exceeded.

## Mechanical

Size\*2: 136\*186\*52mm  
 5.354\*7.323\*2.047in

RF Connectors: SMA Female

[2] Exclude connectors, rack mount brackets, handles.

## Environmental

Operating Temperature: -20~+50°C

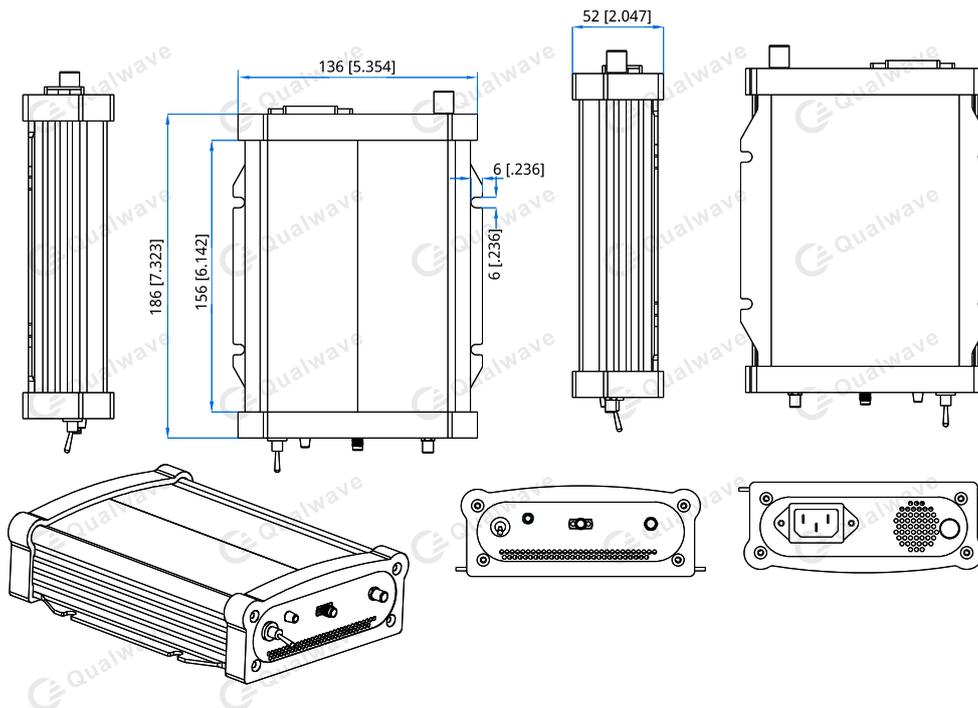
Non-operating Temperature: -40~+85°C

## How To Order

**QLAS-1000-18000-50-25**

Customization is available upon request.

## Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]