

# QLA-1000-18000-47-32

1~18GHz, 47dB, 3.2dB

**Features:**  
 \* Broad Band  
 \* Low Noise

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

## Electrical

Frequency:	1~18GHz
Gain:	47dB min.
Output Power (P1dB):	12dBm typ.
Noise Figure:	3.2dB typ.
Harmonic:	-15dBc typ.
Spurious:	-60dBc max.
Input VSWR:	1.8 typ.
Output VSWR:	1.8 typ.
Voltage:	+12V DC
Current:	300mA typ.

## Mechanical

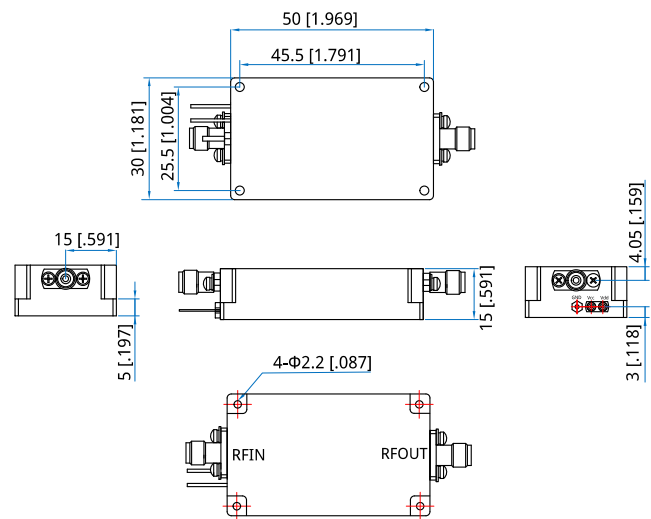
Size*1:	50*30*15mm 1.969*1.181*0.591in
RF Connectors:	SMA Female
Power Supply Connectors:	Feed Through/Terminal Post
Housing Material:	Aluminum
Mounting:	4-Φ2.2mm through-hole
Cooling:	External Heatsink (supplied on request only)

[1] Exclude connectors.

## Environmental

Operating Temperature:	-20~+60°C
Non-operating Temperature:	-55~+85°C

## Outline Drawings



Unit: mm [in]  
 Tolerance: ±0.2mm [±0.008in]

## How To Order

**QLA-1000-18000-47-32**

Customization is available upon request.