

# QLA-1000-18000-50-30

## 1~18GHz, 50dB, 3dB

Features:  
 \* Broad Band  
 \* Low Noise

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

### Electrical

Frequency:	1~18GHz
Gain:	50dB min.
Gain Flatness:	±2.5dB typ.
Output Power (P1dB):	+20dBm min.
Noise Figure:	3dB typ.
Spurious:	-60dBc max.
VSWR:	2 typ.
Voltage:	+12V DC
Current:	350mA typ.
Impedance:	50Ω
Input Power:	+15dBm max.

### Mechanical

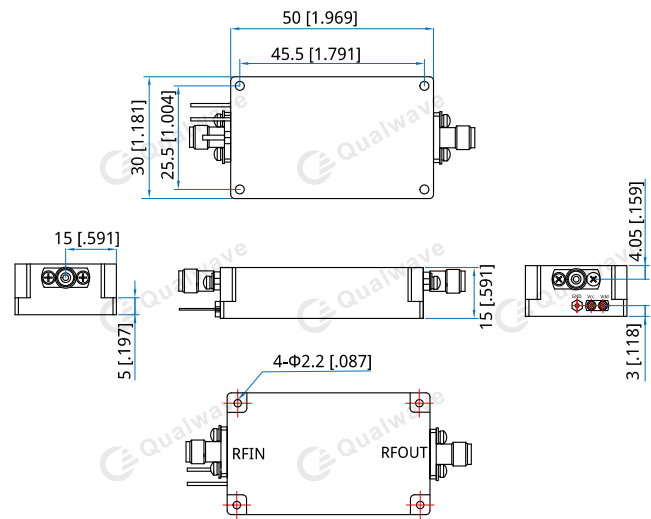
Size <sup>*1</sup> :	50*30*15mm 1.969*1.181*0.591in
Weight:	200g max.
RF Connectors:	SMA Female
Mounting:	4-Φ2.2mm through-hole

[1] Exclude connectors.

### Environmental

Operating Temperature:	-20~+50°C
Non-operating Temperature:	-40~+85°C

### Outline Drawings



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

### How To Order

**QLA-1000-18000-50-30**

Customization is available upon request.