

# QLA-100-15000-45-22

0.1~15GHz, 45dB, 2.2dB

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

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

## Electrical

Frequency:	0.1~15GHz
Gain:	45dB typ.
Gain Flatness:	±2.5dB typ.
Output Power (P1dB):	+5dBm typ.
Noise Figure:	2.2dB typ.
Spurious:	-60dBc max.
VSWR:	1.5 typ.
Voltage:	+12V DC
Current:	150mA typ.
Impedance:	50Ω
Input Power:	+10dBm max.

## Mechanical

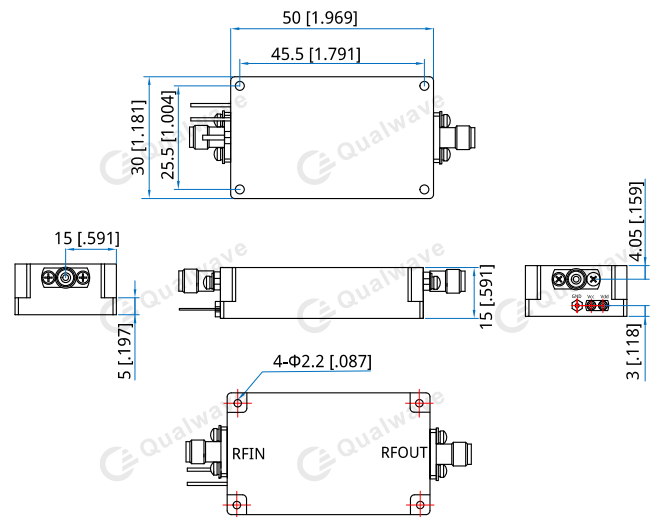
Size <sup>*1</sup> :	50*30*15mm 1.969*1.181*0.591in
Weight:	200g max.
RF Connectors:	SMA Female
Mounting:	4-Φ2.2mm through-hole

[1] Exclude connectors.

## Environmental

Operating Temperature:	-20~+60°C
Non-operating Temperature:	-40~+85°C

## Outline Drawings



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

## How To Order

**QLA-100-15000-45-22**

Customization is available upon request.