

# QLA-500-18000-40-35

0.5~18GHz, 40dB, 3.5dB

Features:  
 \* Broad Band  
 \* Low Noise

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

## Electrical

Frequency:	0.5~18GHz
Gain:	40dB min.
Gain Flatness:	±2.0dB typ.
Output Power (P1dB):	12dBm typ.
Noise Figure:	3dB typ., 3.5dB max.
Spurious:	-60dBc max.
VSWR:	2 max.
Voltage:	+5V DC
Current:	300mA typ.
Impedance:	50Ω
Input Power:	+10dBm max.

## Mechanical

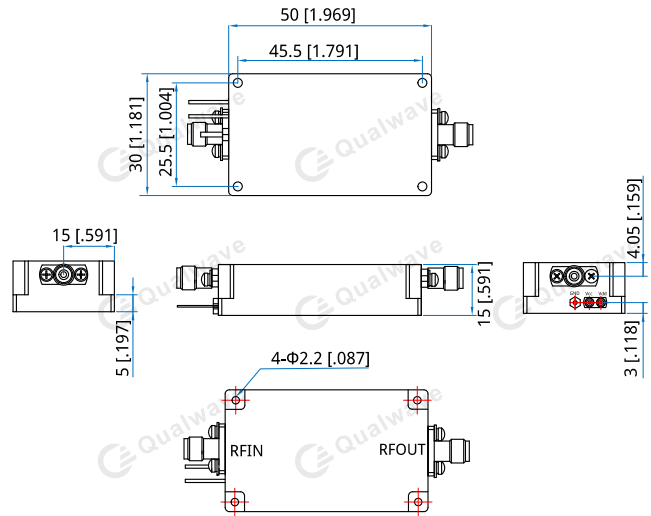
Size <sup>*1</sup> :	50*30*15mm 1.969*1.181*0.591in
Weight:	200g max.
RF Connectors:	2.92mm Female
Mounting:	4-Φ2.2mm through-hole

[1] Exclude connectors.

## Environmental

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

## Outline Drawings



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

## How To Order

**QLA-500-18000-40-35**

Customization is available upon request.