

# QLA-100-26500-30-40

0.1~26.5GHz, 30dB, 4dB

Features:  
 \* Broad Band  
 \* Low Noise

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

## Electrical

Frequency:	0.1~26.5GHz
Small Signal Gain:	30dB typ.
Gain Flatness:	±2.5dB typ.
Output Power (P1dB):	20dBm min.
Noise Figure:	4dB typ.
VSWR:	2.5 max.
Voltage:	+12V DC typ.
Current:	270mA typ.
Impedance:	50Ω
Input Power:	10dBm max.

## Mechanical

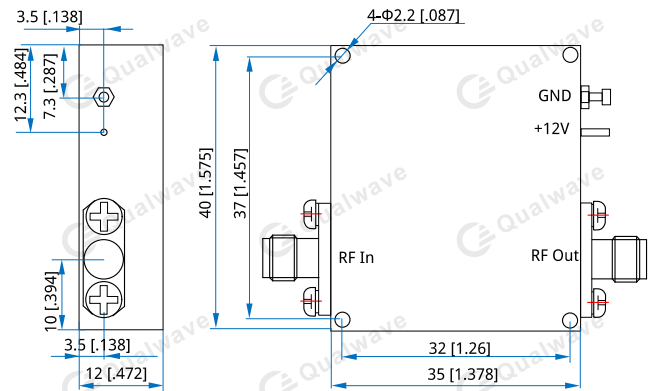
Size <sup>*1</sup> :	40*35*12mm 1.575*1.378*0.472in
RF Connectors:	2.92mm Female
Mounting:	4-Φ2.2mm through-hole

[1] Exclude connectors.

## Environmental

Operating Temperature:	-40~+70°C
Non-operating Temperature:	-55~+100°C

## Outline Drawings



(The bottom of the amplifier needs to be equipped with a heat sink to assist in heat dissipation.)

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

## How To Order

**QLA-100-26500-30-40**

Customization is available upon request.