

# QLA-1000-12000-28-30

## 1~12GHz, 28dB, 3dB

Features:  
 \* Broad Band  
 \* Low Noise

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

### Electrical

Frequency:	1~12GHz
Gain:	28dB min.
Gain Flatness:	±1.0dB typ.
Output Power (P1dB):	+15dBm min.
Noise Figure:	3dB max.
Spurious:	-60dBc max.
Input VSWR:	2 max.
Output VSWR:	2 max.
Voltage:	+12V DC typ.
Current:	120mA typ.
Impedance:	50Ω

### Mechanical

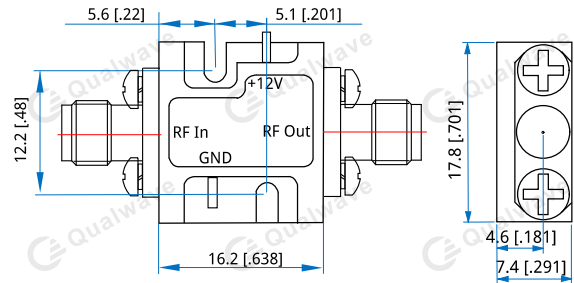
Size <sup>*1</sup> :	16.2*17.8*7.4mm 0.638*0.701*0.291in
RF Connectors:	SMA Female

[1] Exclude connectors.

### Environmental

Operating Temperature:	-40~+70°C
Non-operating Temperature:	-55~+85°C

### Outline Drawings



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

### How To Order

**QLA-1000-12000-28-30**

Customization is available upon request.