

## NLA-500-18000-14-30

0.5~18GHz, 14dB, 3dB

Features:  
 \* Broad Band  
 \* Low Noise

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

### Electrical

|                         |              |
|-------------------------|--------------|
| Frequency:              | 0.5~18GHz    |
| Small Signal Gain:      | 14dB min.    |
| Gain Flatness:          | ±0.75dB typ. |
| Output Power (P1dB):    | 17dBm min.   |
| Noise Figure:           | 3dB typ.     |
| Input VSWR:             | 2.0 max.     |
| output VSWR:            | 2.0 max.     |
| Voltage:                | +15V DC max. |
| Current:                | 165mA typ.   |
| Impedance:              | 50Ω          |
| Input Power(no damage): | 17dBm max.   |

### Mechanical

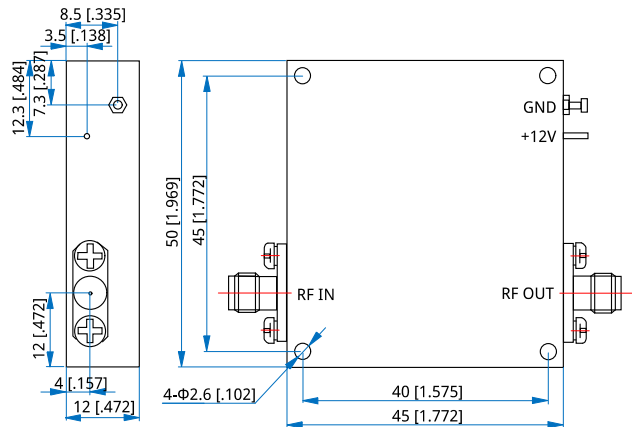
|                      |                                   |
|----------------------|-----------------------------------|
| Size <sup>*1</sup> : | 45*50*12mm<br>1.772*1.969*0.472in |
| RF Connectors:       | SMA Female                        |
| Mounting:            | 4-Φ2.6mm through-hole             |

[1] Exclude connectors.

### Environmental

|                            |            |
|----------------------------|------------|
| Operating Temperature:     | -54~+85°C  |
| Non-operating Temperature: | -55~+100°C |

### Outline Drawings



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

### How To Order

**NLA-500-18000-14-30**

Customization is available upon request.

