

**NLA-1000-18000-45-30**  
1~18GHz, 45dB, 3dB

Features:  
\* Broadband  
\* Low Noise

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

**Electrical**

Frequency:	1~18GHz
Gain:	45dB min.
Gain Flatness:	±2dB typ.
Output Power (P1dB):	10dBm min.
Noise Figure:	3.0dB typ.
Spurious:	-60dBc max.
VSWR:	1.5 typ.
Voltage:	+5V or +12V DC
Current:	200mA typ.
Input Power:	-20dBm max.
Impedance:	50Ω

**Mechanical**

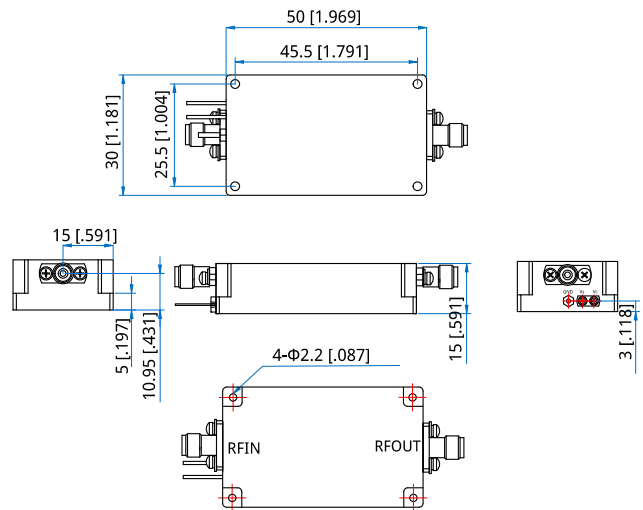
Size*1:	50*30*15mm 1.969*1.181*0.591in
Weight:	200g max.
RF Connectors:	SMA Female
Mounting:	4-Φ2.2mm through-hole

[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**  
**NLA-1000-18000-45-30**

Customization is available upon request.

