

Low Noise Amplifier

FPLA-18000-40000-50-45

18~40GHz, 50dB, 4.5dB

Features:

- Broadband
- Low Noise

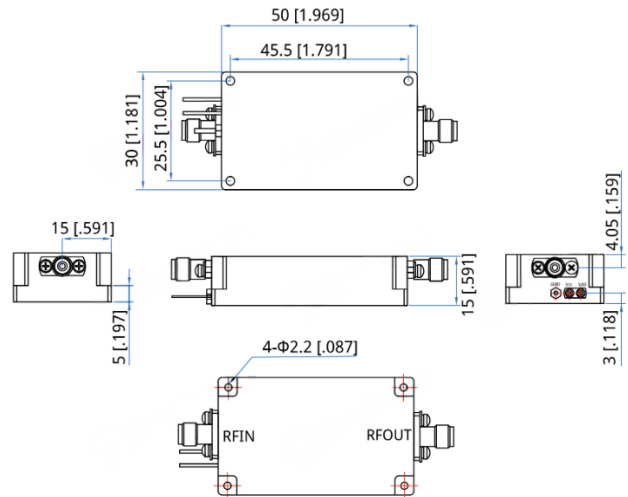
Applications:

- Wireless
- Receiver
- Laboratory Test
- Radar

Electrical

Frequency	18~40GHz
Gain	50dB min.
Gain Flatness	±3dB typ.
Output Power (P1dB)	+5dBm min.
Noise Figure	4.5dB typ.
Spurious	-60dBc max.
VSWR	2 typ.
Voltage	+15V DC
Current	400mA typ.
Impedance	50Ω
Input Power	+5dBm max.

Construction



Mechanical

Size^[1]	50 x 30 x 15 mm 1.969 x 1.181 x 0.591 in
Weight	200g max.
RF Connectors	2.92mm Female
Mounting	4-Φ2.2mm through-hole

[1] Exclude connectors.

Note(s)

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Environmental

Operating Temperature	-20~+50°C
Non-operating Temperature	-40~+85°C