

FPA-1000-18000-35-30

1~18GHz, 35dB, 30dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical@25°C

Frequency:	1~18GHz
Gain:	35dB min.
Gain Flatness:	±2dB typ.
Output Power (P1dB):	30dBm min.
Noise Figure:	4dB max.
Harmonic:	-15dBc typ.
Spurious:	-60dBc max.
Input VSWR:	1.8 max.
Output VSWR:	2 max.
Voltage:	+12V DC
Current:	1.7A typ.
ON/OFF:	TTL High: Off TTL Low: On
Input Power Without Damage:	10 dBm max.

Mechanical

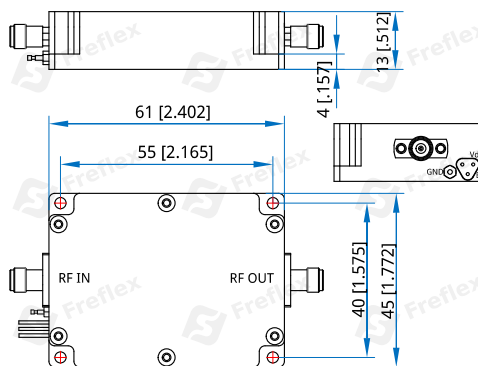
Size*1:	61*45*13mm 2.402*1.772*0.512in
RF Connectors:	SMA Female
Power Supply Connectors:	Feed Through/Terminal Post
Housing Material:	Aluminum
Mounting:	4-Φ2.7mm through-hole
Cooling:	External Heatsink (supplied on request only)

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+60°C
Non-operating Temperature:	-55~+85°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

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Customization is available upon request.