

FPA-0.1-400-48-47

0.1~400MHz, 48dB, 47dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	0.1~400MHz
Gain:	48dB min.
Gain Flatness:	3±1dB max.
Input VSWR:	2 max.
Output Power (P1dB):	47dBm min.
Input Power:	3±1dBm +6dBm max.
Spurious:	-65dBc max.
Harmonic:	-12dBc max.
Voltage:	32V/16A VCC 36V max.
Current:	8~10.5A max.
PTT:	3.3~5V (On)
Temperature Protection:	80 degree protection, no open circuit protection
Impedance:	50Ω

Mechanical

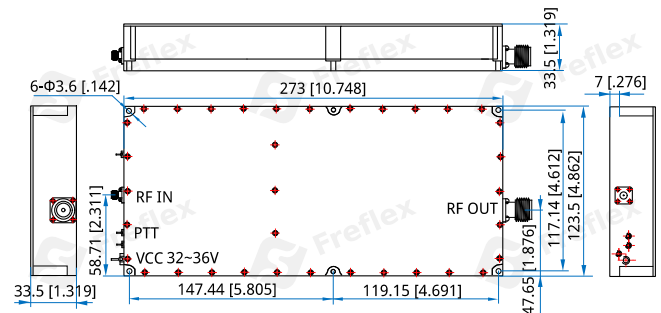
Size ^{*1} :	273*123.5*33.5mm 10.748*4.862*1.319in
RF In Connectors:	SMA Female
RF Out Connectors:	N Female
Mounting:	6-Φ3.6mm through-hole
Power Supply Interface ^{*2} :	Feed Through/Terminal Post

[1] Exclude connectors.

[2] The amplifier test requires the installation of a heat sink.

Environmental

Operating Temperature:	-25~+55°C
------------------------	-----------

Outline Drawings


Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

FPA-0.1-400-48-47

Customization is available upon request.