# FPA-30-500-48-50S

30~500MHz, 48dB, 50dBm

Features:
* Small Size
* Low Power Consumption

Applications:
* Wireless
* Transmitter
* Laboratory Test

## Electrical

| | |
|---|---|
| Frequency: | 30~500MHz |
| Gain: | 48dB min. |
| Gain Flatness: | 3±1dB max. |
| Input VSWR: | 1.7 max. |
| Output Power (Psat): | 50dBm min. |
| Input Power: | 3±1dBm |
| | +10dBm max. |
| Spurious: | -65dBc max. |
| Harmonic: | -10dBc max. |
| Voltage: | 28V/16A VCC |
| PTT: | 3.3~5V (On) |
| Current: | 8~12.5A max. |
| Impedance: | 50Ω |

## Mechanical

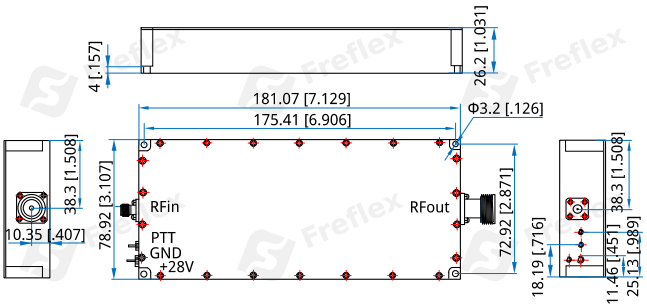
| | |
|---|---|
| Size[*1]: | 181.07*78.92*26.2mm |
| | 7.129*3.107*1.031in |
| RF In Connectors: | SMA Female |
| RF Out Connectors: | N Female |
| Mounting: | 4-Φ3.2mm through-hole |
| Power Supply Interface: | Feed Through/Terminal Post |

[1] Exclude connectors.

## Environmental

| | |
|---|---|
| Operating Temperature: | -25~+55℃ |

## Outline Drawings




Unit: mm [in]
Tolerance: ±0.5mm [±0.02in]

## How To Order

FPA-30-500-48-50S

Customization is available upon request.