

FPA-1000-6000-43-43S

1~6GHz, 43dB, 43dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

| | |
|----------------------|--|
| Frequency: | 1~6GHz |
| Small Signal Gain: | 43dB min. |
| Input Power: | 2dBm +5dBm max. |
| Output Power (Psat): | 43dBm min. |
| Gain Flatness: | 4±1dB max. |
| Input VSWR: | 2 max. |
| Spurious: | -65dBc max. |
| Harmonic: | -10dBc min. @20W |
| Voltage: | 28~32V/5A VCC (Reference) +31V max. |
| PTT: | 3.3~5V (On) |
| Current: | 4.6A max. |
| Impedance: | 50Ω |

Mechanical

| | |
|---|--|
| Size ^{*1} : | 179.6*81.5*26.5mm 7.071*3.209*1.043in |
| RF Connectors: | SMA female |
| Power Supply Connectors ^{*2} : | Feed through/Terminal post |
| Mounting: | 4-Φ3.4mm, depth 7mm |
| Weight: | 550g max. |

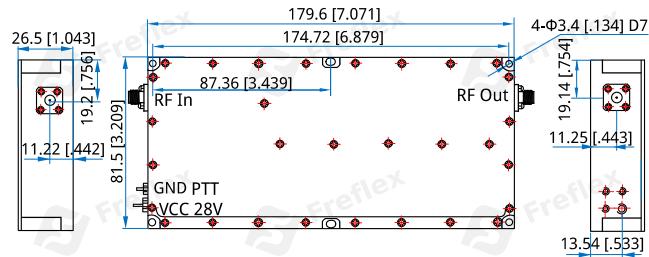
[1] Exclude connectors.

[2] Install heat sink during testing.

Environmental

Operating Temperature: -25~+55°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

FPA-1000-6000-43-43S

Customization is available upon request.