

## 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.

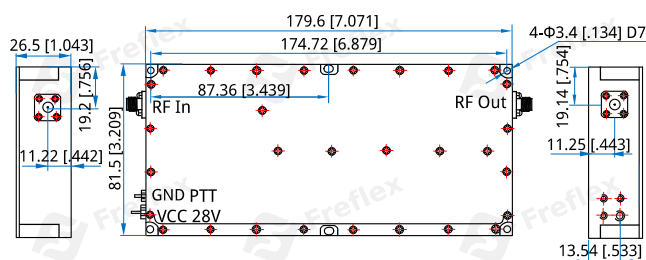
[1] Exclude connectors.

[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.