

## FPA-2300-2500-46-47S

2.3~2.5GHz, 46dB, 47dBm

### Features:

- \* Small Size
- \* Low Power Consumption

### Applications:

- \* Wireless
- \* Transmitter
- \* Laboratory Test

### Electrical

Frequency:	2.3~2.5GHz
Gain:	46dB min.
Gain Flatness:	2±1dB max.
Output Power (Psat):	47dBm min.
Input Power:	3dBm
	+6dBm max.
Protection Function:	Over 80°C protection
	Open circuit protection
Harmonic:	-23dBc max. @50W
Voltage:	28V/5A VCC
	+31V max.
PTT:	+3.3~5V (On)
Current:	6A max.
Impedance:	50Ω

### Mechanical

Size <sup>*1</sup> :	145*53*20.5mm
	5.709*2.087*0.807in
RF Connectors:	SMA female
Mounting:	4-Φ3.2mm through-hole
Power Supply Interface <sup>*2</sup> :	Feed through/Terminal post

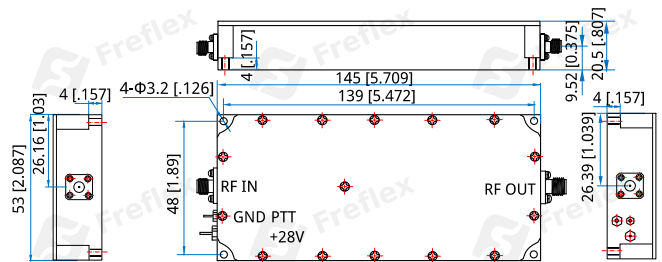
[1] Exclude connectors.

[2] Install heat sink during testing, internally equipped with isolator.

### Environmental

Operating Temperature: -25~+55°C

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

### How To Order

**FPA-2300-2500-46-47S**

Customization is available upon request.