

# FPA-1000-1700-46-47S

1000~1700MHz, 46dB, 47dBm

**Features:**

- \* Small Size
- \* Low Power Consumption

**Applications:**

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

**Electrical**

Frequency:	1000~1700MHz
Gain:	46dB min.
Gain Flatness:	2±1dB max.
Input Power:	3dBm
	+6dBm max.
Output Power (Psat):	47dBm min.
Current:	5~7.5A max.
Input VSWR:	1.8 max.
Spurious:	-65dBc max.
Harmonic:	-12dBc min. @50W
Voltage:	28V/10A VCC (Reference)
	+32V max.
PTT:	3.3~5V (On)
Protection Function:	Over 80°C protection
Impedance:	50Ω

**Mechanical**

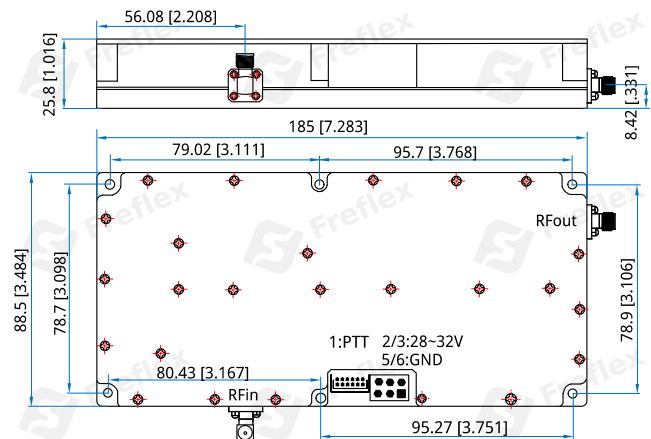
Size <sup>*1</sup> :	185*88.5*25.8mm
	7.283*3.484*1.016in
RF In Connectors:	SMA Female
RF Out Connectors:	SMA Female
Power Supply Interface <sup>*2</sup> :	5557-2X3-4.2mm6P
Weight:	0.56kg max.

[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-1000-1700-46-47S**

Customization is available upon request.