

# FI-PA-5-500-1

## 5~500MHz

**Features:**

- \* High Dynamic Range
- \* Flexible

**Applications:**

- \* Wireless
- \* Transceiver
- \* Laboratory Test
- \* Radar


**Description**

This is a system composed of 5 independent amplifier channels. The specifications for each amplifier channel are provided in the table below.

**Electrical**

Frequency:	5~500MHz
Gain:	33dB min.
Gain Flatness:	±1.5dB typ.
VSWR:	1.5 typ.
Output Power (Psat):	36dBm typ.
Current*1:	1.5A typ.
Voltage:	+24V DC

[1] When all five amplifiers are operating simultaneously, the current is 8A.

**Absolute Maximum Ratings\*2**

RF Input Power:	+10dBm
Voltage:	+35V

[2] Permanent damage may occur if any of these limits are exceeded.

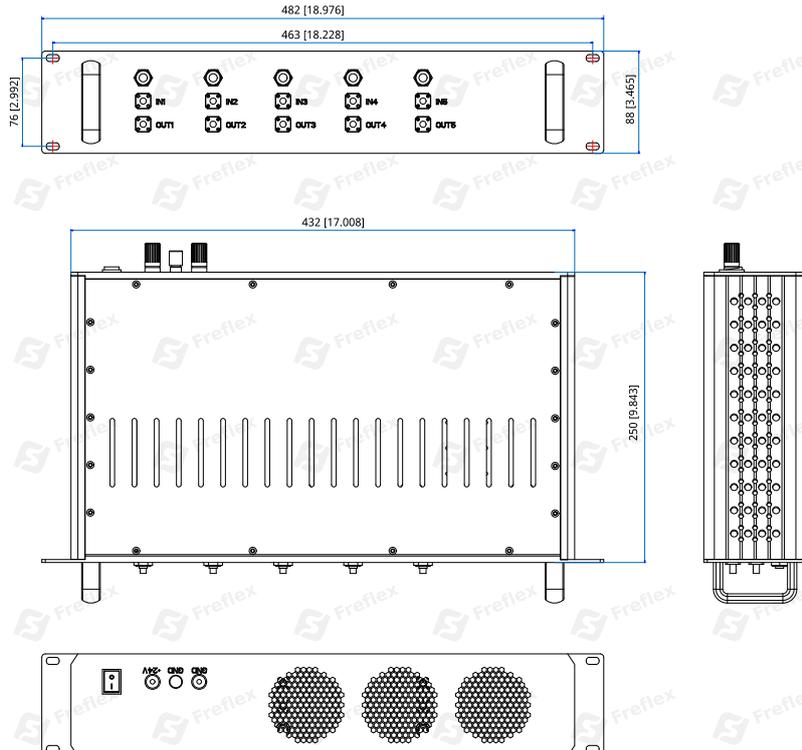
**Mechanical**

Size*3:	482*250*88mm 18.976*9.843*3.465in
RF Connectors:	SMA Female
Power Supply Connectors:	Banana Head
Control Interface:	Power Button

[3] Exclude connectors, rack mount brackets, handles.

**Environmental**

Operating Temperature:	0~+50°C
Non-operating Temperature:	-25~+65°C

**Outline Drawings**


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

**How To Order**  
[FI-PA-5-500-1](#)

Customization is available upon request.