

FPA-500-4000-46-47S

0.5~4GHz, 46dB, 47dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	0.5~4GHz
Gain:	46dB typ.
Gain Flatness:	±3dB typ.
Output Power (Psat):	47dBm min.
Spurious:	-60dBc typ.
	@DC~10GHz@Pout=40W
2 th Harmonic:	-15dBc typ. @Pout=47dBm
Input VSWR:	1.5 max.
Output VSWR:	2.4 typ.
Voltage:	30V max.
Impedance:	50Ω
Input Power:	+3dBm max.

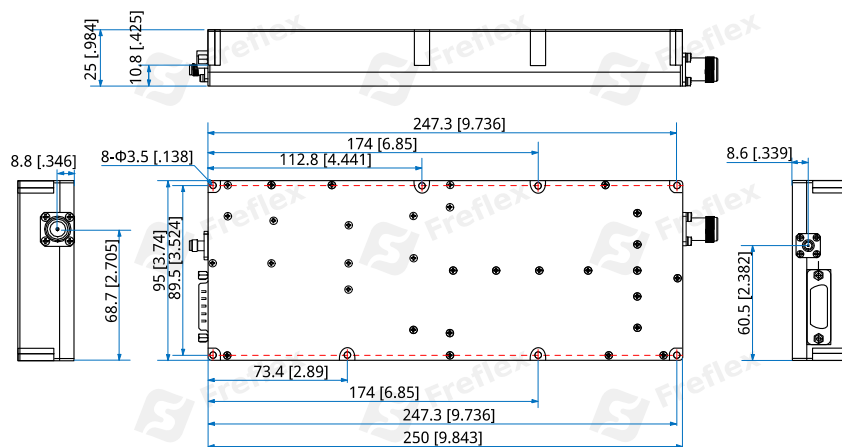
Mechanical

Size*1:	250*95*25mm
	9.843*3.74*0.984in
RF In Connectors:	SMA Female
RF Out Connectors:	N Female
Power Supply Connectors:	D-SUB7W2
Mounting:	8-Φ3.5mm through-hole
Cooling:	Forced Air

[1] Exclude connectors.

Outline Drawings

(The picture is for reference only, subject to the actual object)



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Environmental

Operating Temperature: -10~+50°C

Indicator

Pin	Function	Input/Output	Explain
A1	GND	-	-
A2	28V	Input	-
1	Temperature	Output	TTL High: abnormal, TTL Low: on
2	EN	Input	TTL High: on, TTL Low: off
3	Current	Output	TTL High: abnormal, TTL Low: on
4	Temperature vs. Voltage	Output	0.5~1.5V/0~100 (10mV/°C)
5	NC	-	-

How To Order

[FPA-500-4000-46-47S](#)

Customization is available upon request.