

FPA-30-1000-46-47S
30~1000MHz, 46dB, 47dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	30~1000MHz
Gain:	46dB min.
Gain Flatness:	5±1dB max.
Input VSWR:	1.7 max.
Output Power (P _{sat}):	47dBm min.
Input Power:	3±2dBm
	+8dBm max.
Spurious:	-65dBc max.
Harmonic:	-10dBc max.
Voltage:	28V/16A VCC
	+31V max.
PTT:	3.3~5V (On)
Current:	7A max.
Protection Function:	80°C protection
Impedance:	50Ω

Mechanical

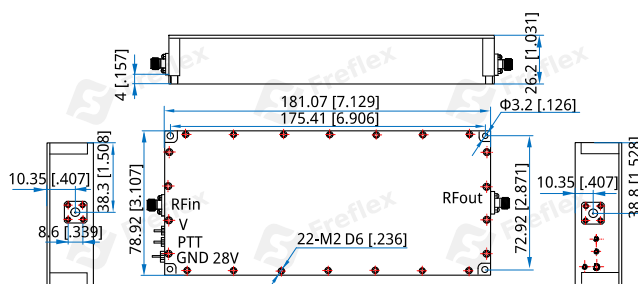
Size*1:	181.07*78.92*26.2mm 7.129*3.107*1.031in
RF In Connectors:	SMA Female
RF Out Connectors:	N Female
Mounting:	4-Φ3.2mm through-hole
Power Supply Interface*2:	Feed Through/Terminal Post

[1] Exclude connectors.
[2] Install heat sink during testing.

Environmental

Operating Temperature: -25~+55℃

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.5\text{mm}$ [$\pm 0.02\text{in}$]

How To Order

FPA-30-1000-46-47S

Customization is available upon request.