

FPA-6000-18000-47-47S

6~18GHz, 47dB, 47dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	6~18GHz
Small Signal Gain:	47dB min.
Small Signal Gain Flatness:	4±1dB max.
Output Power (Psat):	47dBm min.
Input Power:	6dBm max.
Spurious:	-60dBc max.
Harmonic:	-10dBc max. @50W
Input VSWR:	2.0 max.
Voltage:	28V/6A (Reference) +30V max.
Current:	20~22A max.
PTT:	+3.3~5V On
Protection Function:	Over 80°C protection
Impedance:	50Ω

Mechanical

Size ^{*1} :	180*120*20mm 7.087*4.724*0.787in
Weight:	1Kg max.
RF Input Connector:	SMA Female
RF Output Connector:	N Female
Mounting:	6-Φ3.5mm through-hole
Power Supply Connectors ^{*2} :	D-SUB type

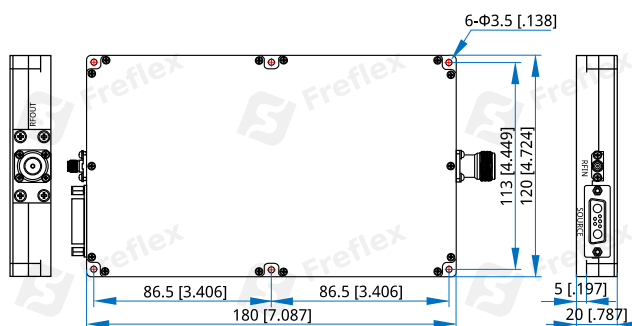
[1] Exclude connectors.

[2] Install heat sink during testing.

Environmental

Operating Temperature:	-25~+55°C
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Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

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Customization is available upon request.