

# QPA-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 <sup>*1</sup> :	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 <sup>*2</sup> :	D-SUB type

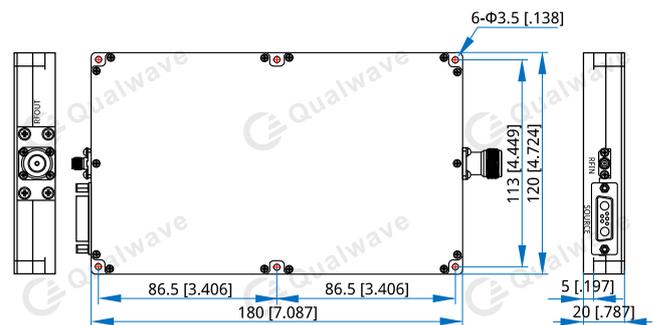
[1] Exclude connectors.

[2] Install heat sink during testing.

## Environmental

Operating Temperature: -25~+55°C

## Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

## How To Order

**QPA-6000-18000-47-47S**

Customization is available upon request.