

QPA-100-1500-46-47S

0.1~1.5GHz, 46dB, 47dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

| | |
|----------------------|--|
| Frequency: | 0.1~1.5GHz |
| Gain: | 46dB min. |
| Gain Flatness: | 3±1dB max. |
| Input VSWR: | 2 max. |
| Output Power (Psat): | 47±33dBm min. |
| Input Power: | 3±1dBm +6dBm max. |
| Spurious: | -65dBc max. |
| Harmonic: | -10dBc max. |
| Voltage: | 30~32V/8A VCC (Reference) +33V max. |
| PTT: | 3.3~5V (On) |
| Current: | 6A max. |
| Protection Function: | 80 protection, Open protection |
| Impedance: | 50Ω |

Mechanical

| | |
|---|--|
| Size ^{*1} : | 210*101.31*28.5mm 8.268*3.989*1.122in |
| Weight: | 950g |
| RF Connectors: | SMA Female |
| Mounting: | 6-Φ3.2mm through-hole |
| Power Supply Connectors ^{*2} : | Feed Through/Terminal Post |

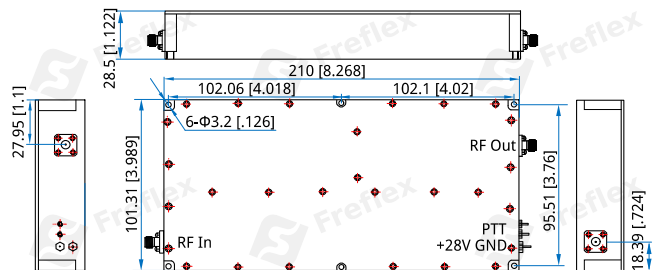
[1] Exclude connectors.

[2] Install heat sink during testing.

Environmental

Operating Temperature: -25~+55°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

QPA-100-1500-46-47S

Customization is available upon request.