

QPAS-5600-5800-20-50S

5.6~5.8GHz, 20dB, 50dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

| | |
|----------------------|---|
| Frequency: | 5.6~5.8GHz |
| Small Signal Gain: | 20dB |
| High Power Gain: | 14~16dB min. |
| Gain Flatness: | 1±1dB max. |
| Input Power: | +33dBm max. |
| Output Power (Psat): | 50dBm min. CW |
| Output Power (P1dB): | 47dBm min. CW |
| Input VSWR: | 1.8 max. |
| Spurious: | -65dBc max. |
| Harmonic: | -40dBc max. @50W |
| Phase Noise: | -100dBc typ. @100KHz max. -130dBc typ. @10MHz max. |
| Input Noise: | 10dB max. |
| Voltage: | 220V |
| PTT: | Default closed, Press to open |
| Power Consumption: | 350W max. |
| Protection Function: | Over 80°C protection Open circuit protection |
| Impedance: | 50Ω |

Mechanical

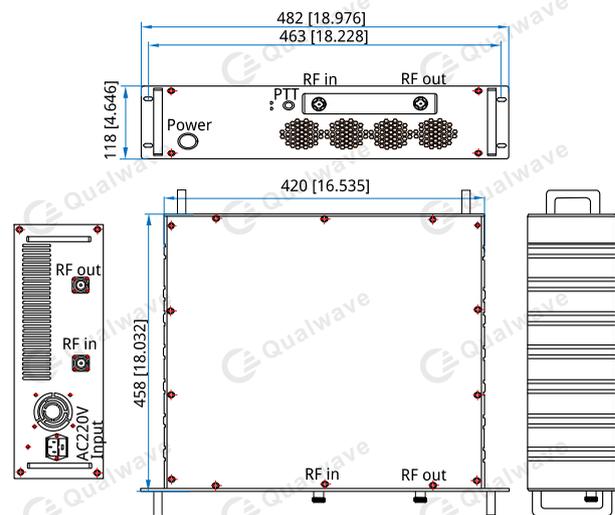
| | |
|----------------------|--|
| Size ^{*1} : | 458*420*118mm 18.032*16.535*4.646in |
| RF Connectors: | N Female |
| Cooling: | Forced Air |

[1] Exclude connectors, rack mount brackets, handles.

Environmental

| | |
|------------------------|-----------|
| Operating Temperature: | -25~+55°C |
|------------------------|-----------|

Outline Drawings



*Add a power supply terminal on the back panel of the chassis with a voltage range of 28~32V to the VCC end of the power amplifier.

Unit: mm [in]
Tolerance: ±0.5mm [±0.02in]

How To Order

QPAS-5600-5800-20-50S

Customization is available upon request.