

# QPA-2-30-60-60S

2~30MHz, 60dB, 60dBm

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| <b>Features:</b><br>* Small Size<br>* Low Power Consumption | <b>Applications:</b><br>* Wireless<br>* Transmitter<br>* Laboratory Test |
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## Electrical

Frequency:	2~30MHz
Gain:	60dB min.
Gain Flatness:	1±1dB max.
Input VSWR:	1.7 max.
Output Power (Psat):	60dBm min.
Input Power:	1±1dBm +6dBm max.
Spurious:	-65dBc max.
Harmonic:	-10dBc max.
Voltage:	48V/50A VCC (Reference) +50V max.
PTT:	5V (On)
Current:	50A max.
Impedance:	50Ω
Protection Function:	Over 80°C protection

## Mechanical

Size <sup>*1</sup> :	378.5*250.5*46mm 14.902*9.862*1.811in
RF In Connectors:	SMA Female
RF Out Connectors:	N Female
Mounting:	6-Φ4.5mm through-hole
Power Supply Interface <sup>*2</sup> :	24V Power Supply 1A Current Aviation Connector - Y50DX-1405ZJ10

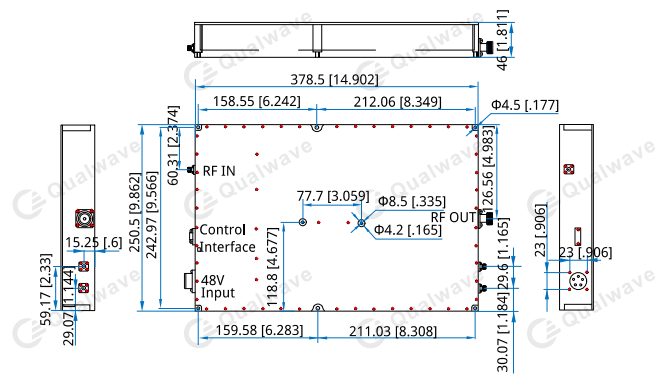
[1] Exclude connectors.

[2] Install heat sink during testing. With RS-485 communication, capable of querying temperature, voltage, and power, and setting the ATT attenuator to 31.5dB.

## Environmental

Operating Temperature: -25~+55°C

## Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

## How To Order

**QPA-2-30-60-60S**

Customization is available upon request.