

# QPA-1000-2500-52-53S

## 1~2.5GHz, 52dB, 53dBm

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

Frequency:	1~2.5GHz
Small Signal Gain:	52dB min.
Gain Flatness:	3±1dB max.
Output Power (Psat):	53dBm min.
Input Power:	4dBm
	+8dBm max.
Spurious:	-65dBc max.
Harmonic:	-14dBc min.
Input VSWR:	1.8 max.
Voltage:	36V/30A VCC (Reference)
	+38V max.
PTT:	5V (On)
Current:	24A max.
Protection Function:	80°C protection, Open protection
Impedance:	50Ω

### Mechanical

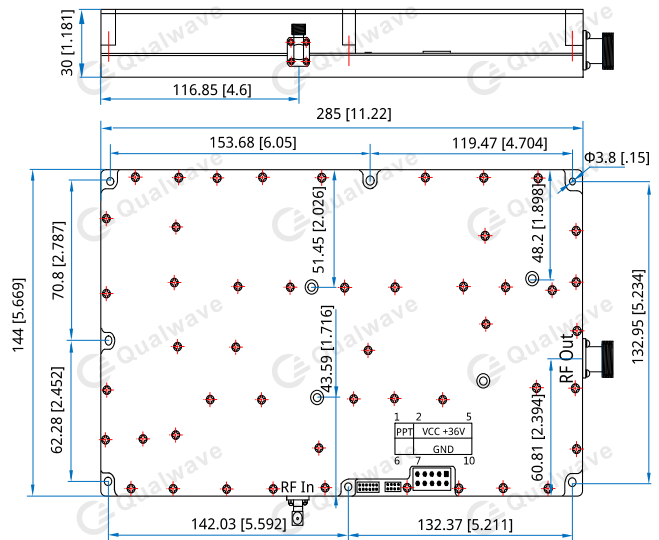
Size <sup>*1</sup> :	285*144*30mm 11.22*5.669*1.181in
Weight:	4.5kg max.
RF In Connectors:	SMA Female
RF Out Connectors:	N Female
Power Supply Connectors <sup>*2</sup> :	4.2mm double row 10P female seat

[1] Exclude connectors.  
 [2] Install heat sink during testing.

### Environmental

Operating Temperature: -30~+55°C

### Outline Drawings



Unit: mm [in]  
 Tolerance: ±0.2mm [±0.008in]

### How To Order

**QPA-1000-2500-52-53S**

Customization is available upon request.