

## QPAS-47000-51000-55-43S

47~51GHz, 55dB, 43dBm

**Features:**

- \* Broadband
- \* Low Power Consumption

**Applications:**

- \* Wireless
- \* Transmitter
- \* Laboratory Test

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**Electrical**

Frequency:	47~51GHz
Output Power (Psat):	43dBm min.
Gain:	55dB min.
Gain Flatness:	4dB typ
Gain Adjustment Range:	20dB
Step:	0.1dB
IM3 (2-Tone @ 37dBm/Tone, 5MHz Spacing):	-25dBc typ.
Spurious:	-60dBc max.
Input VSWR:	1.6 max.
Gain Stability:	±0.25dB/24h max.
Am/PM Conversion:	5°/dB @Output Power 43dBm max.
Group Delay:	2ns@Any 600MHz
Voltage:	220V AC
Power:	800W max.
Monitor & Protection:	With temperature, voltage, current monitoring, over-voltage, over-current, over temperature protection; with output power monitoring, input overdrive and VSWR protection
Input Power:	15dBm max.

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**Mechanical**

Size*1:	328.5*226*180.5mm 12.933*8.898*7.106in
Weight:	16.5kg
RF Connector:	WR-19
Power Supply Interface:	Circular Connector
Monitoring Interface:	Circular Connector
Standby Interface:	DB9

[1] Exclude connectors.

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**Environmental**

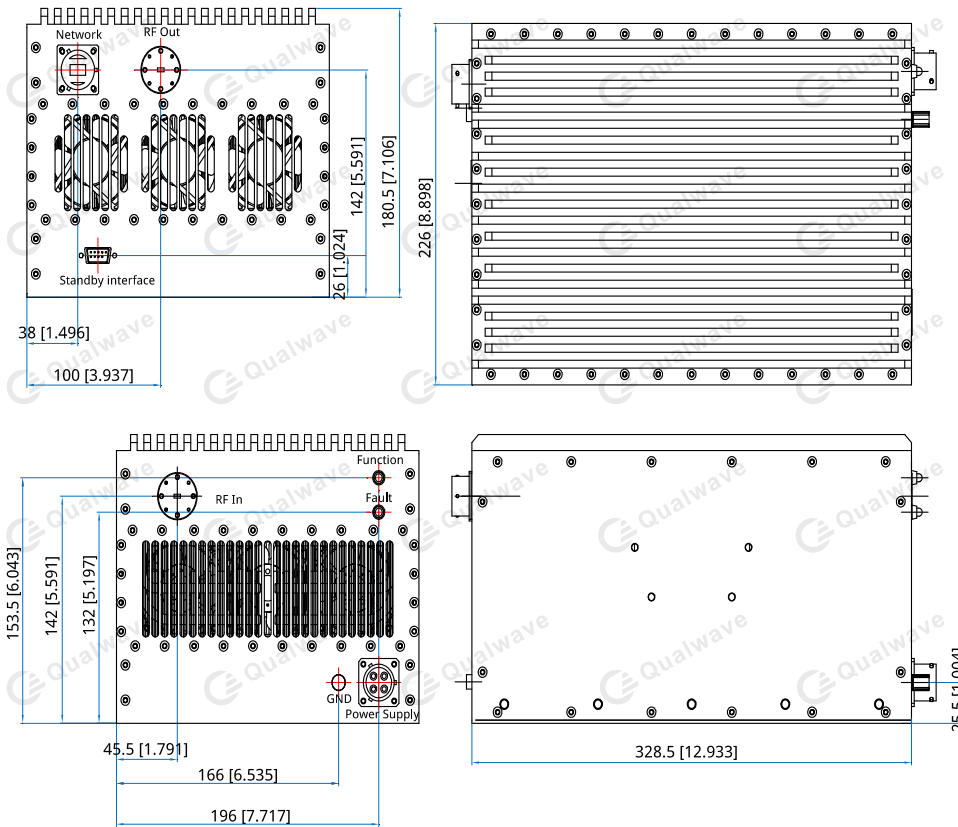
Operating Temperature: -40~+55°C

**How To Order**

[QPAS-47000-51000-55-43S](#)

Customization is available upon request.

Outline Drawings



Unit: mm [in]

Tolerance:  $\pm 0.2\text{mm}$  [ $\pm 0.008\text{in}$ ]