

QPA-1000-18000-35-30

1~18GHz, 35dB, 30dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical@25°C

| | |
|-----------------------------|---------------|
| Frequency: | 1~18GHz |
| Gain: | 35dB min. |
| Gain Flatness: | ±2dB typ. |
| Output Power (P1dB): | 30dBm min. |
| Noise Figure: | 4dB max. |
| Harmonic: | -15dBc typ. |
| Spurious: | -60dBc max. |
| Input VSWR: | 1.8 max. |
| Output VSWR: | 2 max. |
| Voltage: | +12V DC |
| Current: | 1.7A typ. |
| ON/OFF: | TTL High: Off |
| | TTL Low: On |
| Input Power Without Damage: | 10 dBm max. |

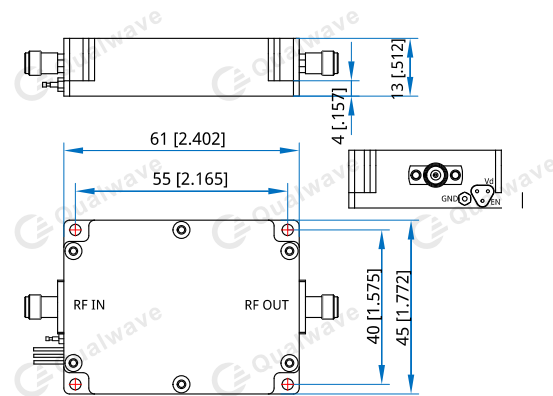
Mechanical

| | |
|--------------------------|--|
| Size*1: | 61*45*15mm 2.402*1.772*0.591in |
| RF Connectors: | SMA Female |
| Power Supply Connectors: | Feed Through/Terminal Post |
| Housing Material: | Aluminum |
| Mounting: | 4-Φ2.7mm through-hole |
| Cooling: | External Heatsink (supplied on request only) |

[1] Exclude connectors.

Environmental

| | |
|----------------------------|-----------|
| Operating Temperature: | -40~+60°C |
| Non-operating Temperature: | -55~+85°C |

Outline Drawings


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

QPA-1000-18000-35-30

Customization is available upon request.