

## NPA-18000-22000-40-33

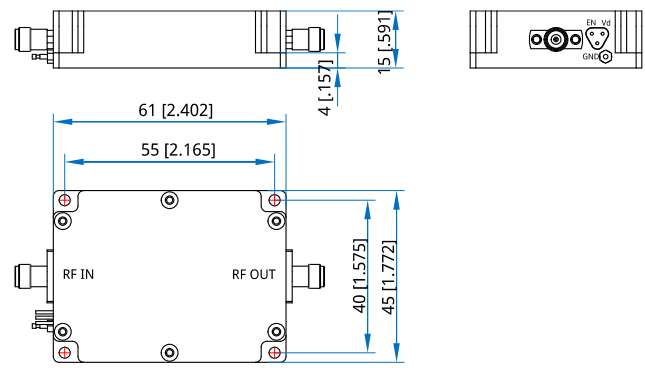
18~22GHz, 40dB, 33dBm

- |                         |                   |
|-------------------------|-------------------|
| Features:               | Applications:     |
| * Small Size            | * Wireless        |
| * Low Power Consumption | * Transmitter     |
|                         | * Laboratory Test |

### Electrical

Frequency:	18~22GHz
Gain:	40dB min.
Gain Flatness:	±1.0dB typ.
Output Power (P1dB):	33dBm min.
Noise Figure:	3dB max.
Spurious:	-60dBc max.
Harmonic:	-15dBc typ.
Input VSWR:	2.0 typ.
Output VSWR:	2.0 typ.
Voltage:	+6V DC
Current:	1.9A typ.
ON/OFF:	TTL High: On TTL Low/NC: Off
Input Power Without Damage:	10 dBm max.

### Outline Drawings



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

### 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:	-20~+50°C
Non-operating Temperature:	-40~+85°C

### How To Order

**NPA-18000-22000-40-33**

Customization is available upon request.