

---

# AMP-3437/1

## SPECIAL POWER AMPLIFIER

### FOR 3400-3700 MHz 1 W

---

This is a power amplifier for 3.2-3.8 GHz band. This amplifier requires max 50 mW input driving power for the output over 1W within the range 3.5 GHz. The input-output connectors are SMA type. DC power is 12 V/ 150 mA.



- Analog and digital transmission systems
- Laboratory and test equipment
- Radar receivers

Technical Specifications	
Operating Frequency:	3200 MHz- 3800 MHz
DC Voltage:	9 -12 V
Gain	30 dB
Input Power	Max. 50 mW
Noise factor:	<2.5 dB
Maximum range:	N/A
Out IP3:	typ. +45 dBm @ 3300 MHz
Current consumption:	150 mA
Antenna Connector:	SMA
Impedance:	50 ohms
Temperature Range:	55 °C
Dimensions:	2.8"x 1.5" x 0.75"
Weight:	58 grams
Band-pass filter:	Built-in
Protection:	Reverse polarity