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# LNAMP-2224

## SPECIAL LOW NOISE AMPLIFIER

### FOR 2200-2400 MHz RECEIVERS

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This is an excellent small amplifier for 2.2 - 2.4 GHz receivers (not for transmitters). It will increase a gain of your receiver without adding large antennas. You can connect any 2.2 - 2.4 GHz antenna to input connector. This low noise amplifier will give you an extra 30 dB gain in 2.2 - 2.4 GHz band. The output connector is a male SMA type. Applications:

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



Technical Specifications	
Operating Frequency:	2200 MHz- 2400 MHz
DC Voltage:	9 -15 V
Gain	30 dB
Input Power	Max. 2 mW
Noise factor:	<0.71 dB
Maximum range:	N/A
Out IP3:	typ. +29 dBm @ 2300 MHz
Current consumption:	80 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