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# LNAMP-1620

## SPECIAL LOW NOISE AMPLIFIER

### FOR 1600-2000 MHz RECEIVERS

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This is an excellent small amplifier for 1.6 - 2.0 GHz receiver (not for transmitters). It will increase a gain of your receiver without adding large antennas. You can connect any 1.6 - 2.0 GHz antennas to input connector. This low noise amplifier will give you an extra 29 dB gain in 1.6 - 2.0 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:	1600 MHz- 2000 MHz
DC Voltage:	12 V
Gain	29 dB
Input Power	Max. 2 mW
Noise factor:	<0.71 dB
Maximum range:	N/A
Out IP3:	typ. +29 dBm @ 1800 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:	75 grams
Band-pass filter:	Built-in
Protection:	Reverse polarity