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# LNAMP-0512

## SPECIAL LOW NOISE AMPLIFIER

### FOR 500-1200 MHz RECEIVERS

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This is an excellent small amplifier for 500 MHz-1200 MHz receiver (not for transmitters). It will increase a gain of your receiver without adding large antennas. You can connect any 500 MHz -1200 MHz antennas to input connector. This low noise amplifier will give you an extra 35 dB gain in 500 MHz -1200 MHz band. The output connector is a male SMA type.



#### Applications:

- Analog and digital transmission systems
- Laboratory and test equipment
- Wireless data systems
- 500 -1000 MHz broadband receivers

Technical Specifications	
Operating Frequency:	500 MHz- 1200 MHz
DC Voltage:	+ 12 V
Gain	35 dB
Input Power	Max. 1 mW
Noise factor:	<0.6 dB
Maximum range:	N/A
Out IP3:	typ. +29 dBm @ 850 MHz
Current consumption:	120 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