



Blue Tops RF Modules > Amplifiers > Low Noise Broadband Amplifier LNBA2

Features:

- Characterized Phase Noise
- Frequency to 12 GHz
- Plastic SMT and TO-8 Amps
- Integral Attenuators for Flexibility

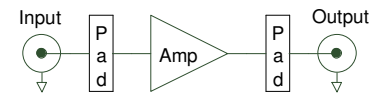
Applications:

- Low Phase Noise Amplification
- Broadband Amplification



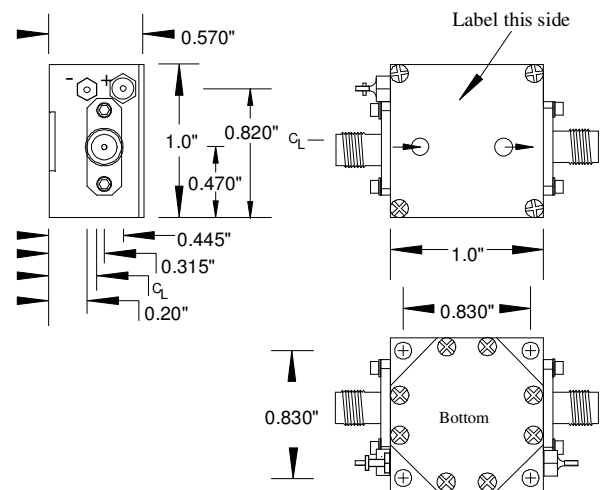
The LNBA2 is a broadband amplifier module with characterized phase noise performance. A wide selection of amplifiers provides flexibility in setting gain and input/output levels. For convenience, our most popular amplifiers are offered as standard options or an alternative 4-lead Micro-X, SOT89 or 2012 packaged amp may be specified by the user. Phase noise is verified at 5 MHz or 100 MHz unless otherwise specified. Custom connector sex is available.

If the amplifier is to be operated at a single frequency or band, the nominal frequency may be added to the end of the part number and the components will be selected to give optimum performance at that frequency. For example, more gain might be realized with some loss in broadband flatness.



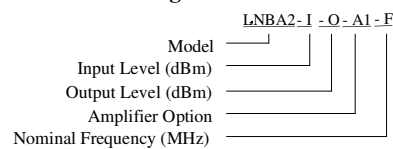
LNBA2 Block Diagram

Typical Specifications:	
Frequency Range	Up to 12 GHz
Gain (dB)	See Amp. Option Chart
Phase Noise	See Amp. Option Chart
VSWR	<2:1
Output Power	See Amp. Option Chart
Input/Output Impedance	50 ohms
Fixed Gain	See Amp. Option Chart
Supply Voltage	+15 VDC
Current, Max	See Amp. Option Chart
Dimensions	1 x 1 x 0.57"
Connectors	
Power	Feed-thru Capacitor
Ground	Turret Terminal
RF Input / Output	Female SMA
CUSTOM OPTIONS	
<i>Please specify when ordering</i>	
<i>Optional Output Signal Level</i>	
<i>Your Custom Requirements</i>	



Bottom View:
Each mounting hole has a helicoil insert that accommodates a 2-56 screw.

Ordering Information:



Connections

