



Blue Tops RF Modules > Amplifiers > Low Noise Broadband Dual Amplifier LNBDA

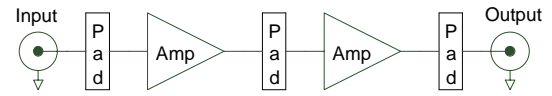
Features:

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

Applications:

- Low Phase Noise Amplification
- Broadband Amplification

The LNBDA is a broadband dual amplifier module with characterized phase noise performance featuring dual amplifiers and three attenuators integrated into a single package. A wide selection of amplifiers and three customized attenuators provide flexibility in setting gain and input/output levels. For convenience, our most popular amplifiers are offered as standard options or alternative 4-lead Micro-X, SOIC-8 or TO-8 amps may be specified by the user. Input frequency depends upon the amplifier choice, with 4 GHz as the maximum for standard LNBDA modules. Phase noise is verified on the individual amplifiers at 5 MHz or 100 MHz unless otherwise specified. Custom connector sex allows for direct connection with other Blue Tops, saving the cost of a cable. Please consult the factory for custom modifications.



LNBDA Block Diagram

Typical Specifications:	
Frequency Range	5 MHz to 8 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	2 x 1.25 x 0.8"
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>	

