



Blue Tops RF Modules > Amplifiers > Low Noise Distribution Amplifier LNDA2

Features:

- Ultra Low Phase Noise
- 5 and 10 MHz Standard
- Eight Isolated Outputs
- Outputs to +16 dBm
- Integral Voltage Regulator

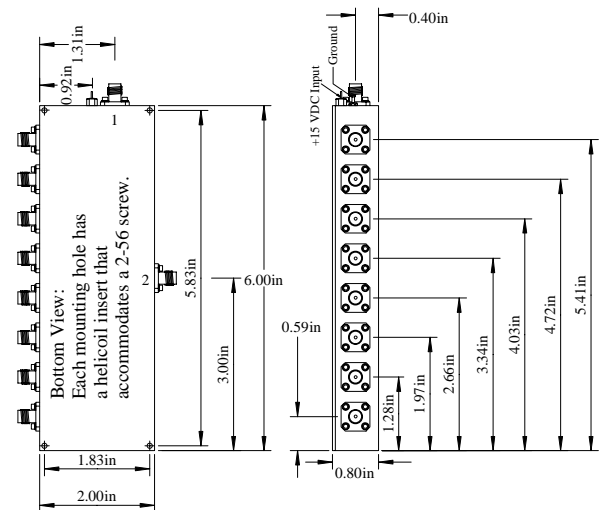
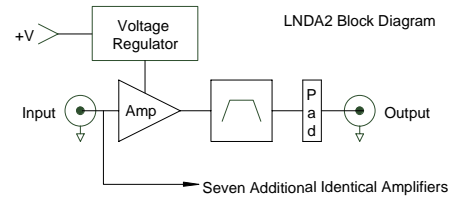
Applications:

- Frequency Standard Distribution
- Ultra Low Noise Signal Distribution

The LNDA2 is a high-performance frequency distribution amplifier providing eight isolated outputs. Featuring a noise floor of -178 dBc and low phase noise of -150 dBc at 10 Hz offset, the LNDA2 is suitable for use with most low noise frequency sources. An internal low noise voltage regulator gives excellent line rejection. The LNDA2 operates on +15 VDC and consumes a maximum of 250 mA. Custom connector sex allows for direct connection with other Blue Tops, saving the cost of a cable. Consult the factory for an optional 50 ohm output impedance, different conversion gain, signal level or custom features.



Typical Specifications:	
Frequency	5 and 10 MHz
Signal Level	+10 to +13 dBm
Conversion Gain	
Standard (Low Output Impedance)	+3 ±1.5 dB
Optional (50 Ohm Output Impedance)	0 ±1.5 dB
Phase Noise (5 MHz, +13 dBm)	
10 Hz	-150 dBc/Hz
Noise Floor	-178 dBc/Hz
Harmonics	<-30 dBc
Input VSWR	<2.0:1
Port-to-Port Isolation	>50 dB
Supply Voltage	+15 VDC
Current, Max	250 mA
Dimensions	6 x 2 x 0.8"
Connectors	
Power	Feed-thru Capacitor
Ground	Turret Terminal
RF Input / Output	Female SMA



Ordering Information:

