



Blue Tops RF Modules > Amplifiers > Low Noise Distribution Amplifier LNDA4

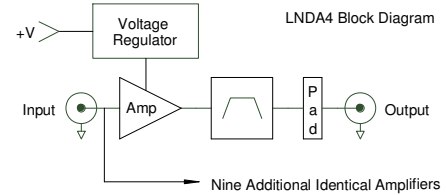
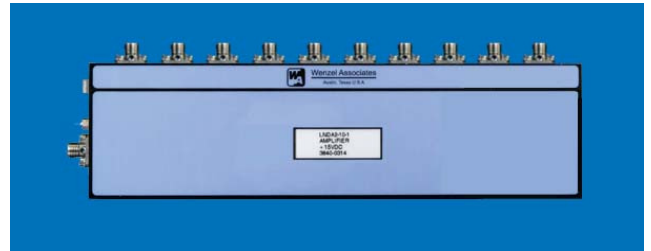
Features:

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

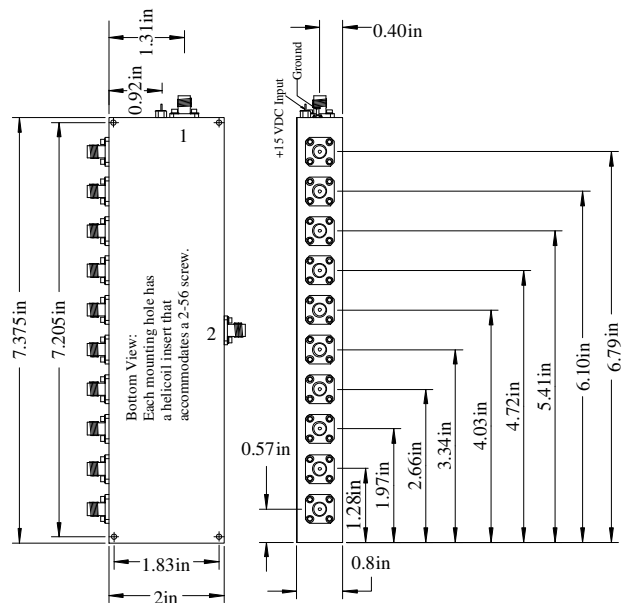
Applications:

- Frequency Standard Distribution
- Ultra Low Noise Signal Distribution
- System Integration

The LNDA4 is a high-performance frequency distribution amplifier providing ten isolated outputs. Featuring a noise floor of -178 dBc and low phase noise of -150 dBc at 10 Hz offset, the LNDA4 is suitable for use with most low noise frequency sources. An internal low noise voltage regulator gives excellent line rejection. The LNDA4 operates on +15 VDC and consumes a maximum of 325 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	325 mA
Dimensions	7.375 x 2 x 0.8"
Connectors	
Power	Feed-thru Capacitor
Ground	Turret Terminal
RF Input / Output	Female SMA



Ordering Information: LNDA4 - F - I - G

Model _____

Input Frequency (MHz, 5 or 10) _____

Input Location 1 = Standard
2 = Optional

Conversion Gain 1 = Standard
2 = Optional

