



Blue Tops RF Modules > Amplifiers > Low Noise Distribution Amplifier LNDA3

Features:

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

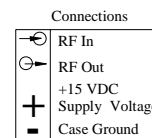
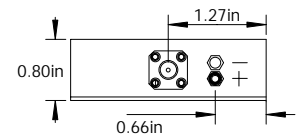
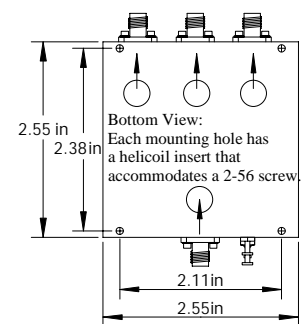
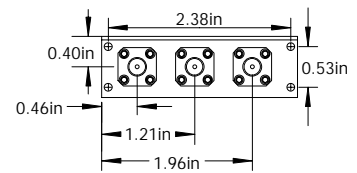
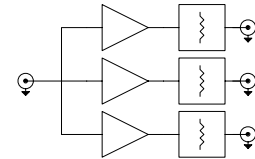
Applications:

- Frequency Standard Distribution
- Reference Frequency Distribution
- RF Systems Component

The LNDA3 high-performance frequency distribution amplifier provides three isolated outputs featuring excellent phase noise suitable for the best sources. An internal low noise voltage regulator provides for excellent line rejection. The standard configuration is 3 dB conversion gain, 50 ohm input impedance, and low Z (voltage source) output. Available options include 50 ohm output impedance, lower conversion gain, and connector type.



Typical Specifications:	Option 1	Option 2
Frequency	5 or 10 MHz	5 or 10 MHz
Input Signal Level - Fixed	+10 to +13 dBm	+10 to +13 dBm
Conversion Gain	+3 ± 1.5 dB	0 ± 1.5 dB
Input VSWR	<2.0:1	<2.0:1
Output Impedance	Low < 15 ohms	50 ohms
Output VSWR	N/A	< 2.0:1
Phase Noise		
5 MHz Model: 10 Hz	-150 dBc/Hz	-150 dBc/Hz
Noise Floor	-178 dBc/Hz	-178 dBc/Hz
Harmonics	<-30 dBc	<-30 dBc
Port-to-Port Isolation	>50 dB	>50 dB
Supply Voltage	+15 VDC	+15 VDC
Current, Max	100 mA	100 mA
Dimensions	2.55 x 2.55 x 0.75"	2.55 x 2.55 x 0.75"
Connectors		
Power	Feed-thru Capacitor	
Ground	Turret Terminal	
RF Input / Output	Female SMA	
Mounting Provisions	Bottom & Side	
CUSTOM OPTIONS	<i>Please consult factory for custom output levels, connector type, or other specifications</i>	



Ordering Information:

