



## Blue Tops RF Modules > Dividers > Low Noise Frequency Divider LNFD

### Features:

- Ultra-low Phase Noise
- Divide by 2 or 4
- Internal Regulator
- Integral BPFs

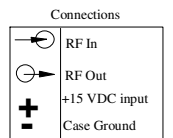
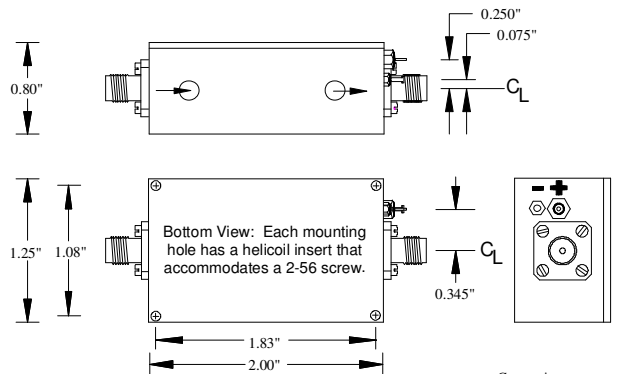
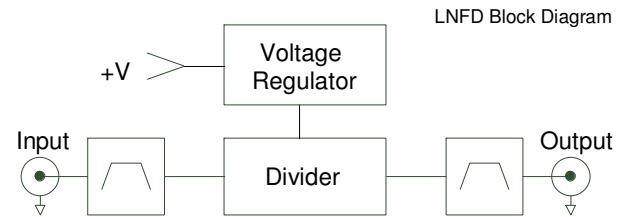
### Applications:

- RF Systems Component
- Down Conversion
- System Integration

The LNFD is a frequency divider module with division factors of 2 or 4 for input frequencies up to 100 MHz. This module features an internal voltage regulator, divider, input/output bandpass filters and an output attenuator integrated into a single housing. The internal bandpass filters may be configured to control harmonics and spurious signals as required, or may be by-passed for broadband response. Custom connector sex allows for direct connection with other Blue Tops, saving the cost of a cable.



Typical Specifications:	
Input Frequencies	5 to 100 MHz
Input Signal Level (Fixed)	+13 to +20 dBm
Output Waveform	Sine or Square
Phase Noise	
Noise Floor	-165 dBc/Hz
Harmonics	<-30 dBc (sine)
Supply Voltage	+15 VDC
Current	60 mA
Dimensions	2 x 1.25 x 0.8"
Connectors	
Power	Feed-thru Capacitor
Ground	Turret Terminal
RF Input / Output	Female SMA Standard BNC, TNC Optional
<b>CUSTOM OPTIONS</b>	
<i>Please specify when ordering</i>	
<i>Your Custom Requirements</i>	



### Ordering Information:

