



Blue Tops RF Modules > Multipliers > Low Noise VHF Quadrupler LNVQ

Features:

- Ultra Low Phase Noise
- Low Conversion Loss
- Integral BPFs

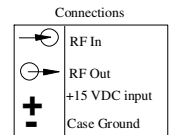
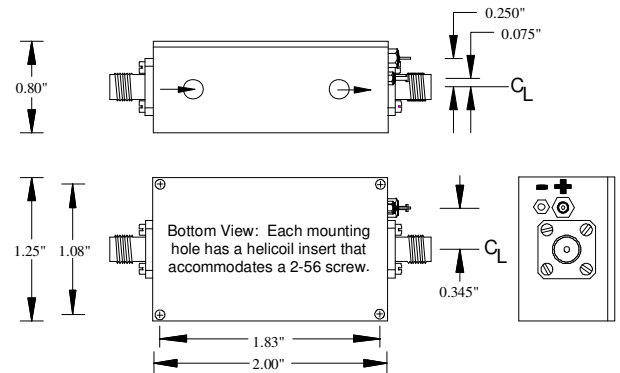
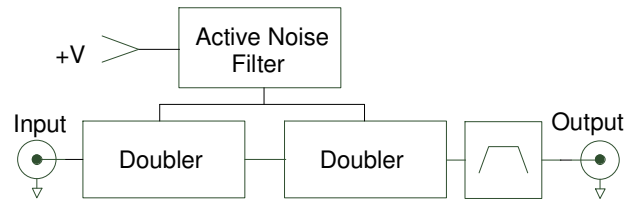
Applications:

- RF Systems Component
- Up Conversion
- System Integration



The LNVQ is a VHF quadrupler that combines two LNVQ doublers into a single package. This VHF companion to the LNHQ is useful in VHF X4 multiplication applications where power is limited. Custom connector sex allows for direct connection with other Blue Tops, saving the cost of a cable.

Typical Specifications:	30 to 150 MHz
Input Signal Level (Fixed)	+7 to +9 dBm
Conversion Gain	~+3 dB
Output Level	+10 to +12 dBm
Phase Noise (Input Referred)	
10 MHz: 100 Hz	-150 dBc/Hz
10 kHz	-174 dBc/Hz
Frequency	30 to 150 MHz
Harmonics	<-30 dBc
Sub-Harmonics	<-40 dBc
Supply Voltage	+15 VDC
Current Max.	<55 mA
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>Your Custom Requirements</i>	



Ordering Information:

