



Blue Tops RF Modules > Multipliers > Low Noise Diode Quadrupler (LNDQ)

Features:

- Ultra Low Phase Noise
- Low Conversion Loss
- Outputs to 2 GHz
- Integral BPFs and Amps

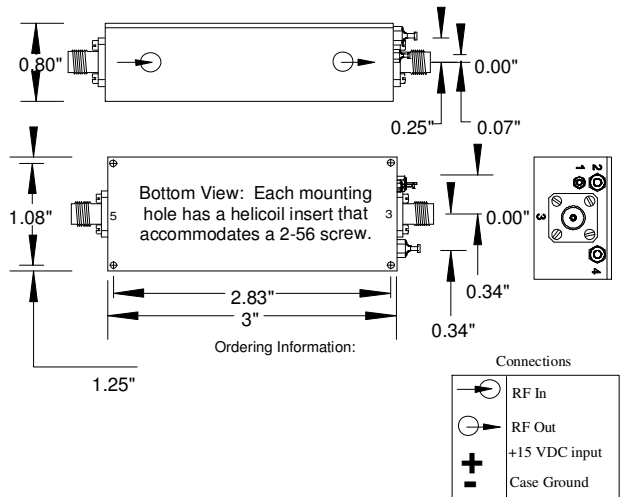
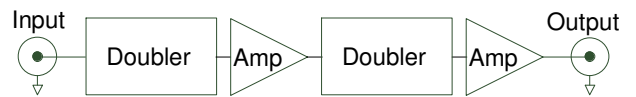
Applications:

- RF Systems Component
- Up Conversion
- System Integration



The LNDQ is a frequency quadrupler consisting of two LNDDs in one package featuring excellent phase noise for outputs to 2 GHz. The internal design will be determined by Wenzel engineers based on the required input and output levels and filtering requirements. Custom connector sex allows for direct connection with other Blue Tops, saving the cost of a cable.

Typical Specifications:	Outputs To 2 GHz
Input Frequency	5 to 500 MHz
Input Signal Level (Minimum)	+12 dBm
Output Signal Level	Consult Factory
Conversion Loss	0 dB Typical
<i>Amplifier Dependent See Amplifier Table</i>	
Phase Noise	
<i>Amplifier Dependent See Amplifier Table</i>	
Harmonics	<-25 dBc
Sub-Harmonics	<-45 dBc
Supply Voltage	+15 VDC
Current Max.	200 mA
Dimensions	3 x 1.25 x 0.8"
Connectors	SMA
Power	Feed-thru Capacitor
Ground	Turret Terminal
RF Input / Output	Female SMA
CUSTOM OPTIONS	Specialty Connectors
Please specify when ordering	
RF Input / Output	Consult Factory
CUSTOM OPTIONS	
<i>Please specify when ordering</i>	
<i>Your Custom Requirements</i>	



Ordering Information:

