



# LNB

## KU-BAND PLL

### 1000H-2



### TYPICAL SPECIFICATIONS

<b>Noise Figure</b>	0.8 dB typ
<b>LO Stability</b>	±10kHz, ±25 kHz
<b>Phase Noise</b>	-70 dBc at 1 kHz -80 dBc at 10 kHz -95 dBc at 100 kHz
<b>Gain</b>	60 dB typ., 55 dB min. @ full frequency band
<b>Output P1dB</b>	+5 dBm min
<b>DC Power</b>	+12V to +24V DC

<b>Current</b>	250 mA
<b>Input (waterproof)</b>	WR-75 waveguide
<b>Output (waterproof)</b>	F-connector (75 ohm) N (Optional) (50 ohm)
<b>Dimensions</b>	128 x 60 x 40 (L x W x H)
<b>Weight</b>	450 g
<b>Operating Temperature</b>	-40 ~ +60°C
<b>Storage Temperature</b>	-40 ~ +80°C

### FREQUENCY BANDS AVAILABLE

Frequency Bands	1000HD-2	1000HF-2	1000HG-2
<b>Input Frequency</b>	10.7 ~ 11.8 GHz	11.7 ~ 12.75 GHz	12.2 ~ 12.7 GHz
<b>LO Frequency</b>	9.75 GHz	10.75 GHz	11.25 GHz
<b>IF Frequency</b>	950 ~ 2050 MHz	950 ~ 2000 MHz	950 ~ 1450 MHz

### HOW TO ORDER

## 1108HDN-2



N - Optional N-Connector  
 D – 10.70-11.80 GHz  
 F – 11.70-12.75 GHz  
 G - 12.20-12.70 GHz

0.8 dB

1: ±10 kHz  
 2: ±25 kHz

Version 2

### MECHANICAL DIAGRAM

