



LNB

KU-BAND PLL

1000H-2



TYPICAL SPECIFICATIONS

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

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

FREQUENCY BANDS AVAILABLE

Frequency Bands	1000HD-2	1000HF-2	1000HG-2
Input Frequency	10.7 ~ 11.8 GHz	11.7 ~ 12.75 GHz	12.2 ~ 12.7 GHz
LO Frequency	9.75 GHz	10.75 GHz	11.25 GHz
IF Frequency	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

