



LNB KU-BAND PLL 1000H-2

SPECIFICATIONS

Noise Figure	0.8 dB typ., 1.0 dB max. at room temp. @ CF
LO Stability	±10kHz, ±25 kHz
Phase Noise	-70 dBc at 1 kHz -80 dBc at 10 kHz -95 dBc at 100 kHz
Input VSWR	2.5 : 1 max.
Output VSWR	2.5 : 1 max.
Gain	60 dB typ., 55 dB min., 65 dB max.
Output P1dB	+5 dBm min
DC Power	+12V to +24V DC



Current	G-Band: 250 mA D/F-Band: 350 mA
Input (waterproof)	WR-75 waveguide
Output (waterproof)	F-Connector (75 Ohm) *N-Connector (50 Ohm) *Optional
Dimensions(L x W x H)	128 mm x 60 mm x 42 mm (5.0 in x 2.36 in x 1.65 in)
Weight	400 g
Operating Temperature	-40 to +60°C
Storage Temperature	-40 to +80°C

FREQUENCY BANDS

Frequency Bands	1000HD-2	1000HF-2	1000HG-2
Input Frequency (GHz)	10.7 - 11.8	11.7 - 12.75	12.2 - 12.7
LO Frequency (GHz)	9.75	10.75	11.25
IF Frequency (MHz)	950 - 2050	950 - 2000	950 - 1450

HOW TO ORDER

1108HDN-2

CONNECTOR	N - Optional N-Connector
FREQUENCY	D: 10.70-11.80 GHz F: 11.70-12.75 GHz G: 12.20-12.70 GHz
NOISE FIGURE	08: 0.8 dB
LO STABILITY	1: ±10 kHz 2: ±25 kHz
LNB SERIES #	

MECHANICAL DIAGRAM

