



Innovative Communication Solutions

LNB KU-BAND PLL 1000H

TYPICAL SPECIFICATIONS

-
L.O. stability (over temperature excl. offset)
Phase noise (SSB)

Input VSWR Output VSWR

Noise figure

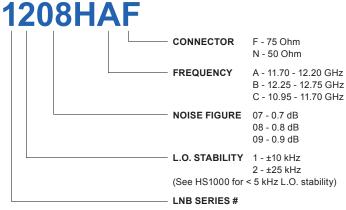
depending on model number ±10 kHz to ±25 kHz (See HS1000 for < 5 kHz L.O. stability) -75 dBc/Hz at 1 kHz -80 dBc/Hz at 10 kHz -95 dBc/Hz at 100 kHz 2.2 : 1 2.2 : 1

0.7 to 0.9 dB

FREQUENCY BANDS AVAILABLE

Typical service	1000HA	1000HB	1000HC
Input frequency (GHz)	11.70 to 12.20	12.25 to 12.75	10.95 to 11.70
L.O. frequency (GHz)	10.75	11.30	10.00
Output frequency (MHz)	950 to 1450	950 to 1450	950 to 1700

HOW TO ORDER

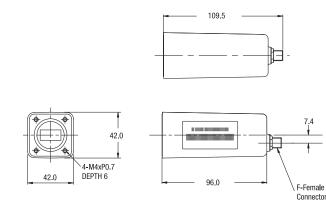




Conversion gain	60 dB
Output P1dB	5 dBm
Power requirements	+15 to +24 V supplied through center conductor of IF cable
Current drain	200 mA
Input Waveguide	WR75
Dimensions	110 (L) x 42 (W) x 42 (H) mm (4.3 x 1.7 x 1.7 in)
Weight	300 g / 10.6 oz
Temperature Range	-40°C to +60°C

Note: You also have the option of upgrading to the HS1000 series, which also includes the ± 2 kHz to ± 5 kHz improved L.O. stabilities.

MECHANICAL DIAGRAM



CE



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