



Norsat
International Inc.

Innovative Communication Solutions



LNB

KU-BAND EXT. REF COMPACT 1000XH



TYPICAL SPECIFICATIONS

Noise Figure 0.7 to 0.9 dB
depending on model

L.O. stability Phase Locked to
External Reference

Gain Flatness (-40°C to +60°C) 1.5dBp-p @ over 27 MHz
4dBp-p @ over 500 MHz

Gain Variation @ Fixed Freq.
(-40°C to +60°C) 6 dBp-p max

Phase noise (SSB) -75 dBc / Hz at 1 kHz
-85 dBc / Hz at 10 kHz
-95 dBc / Hz at 100 kHz

Input VSWR 2.0 : 1

Output VSWR 2.0 : 1

Conversion gain 60 dB

Output P1dB 6 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 300g / 10.6 oz

External Ref Frequency 10MHz (sine-wave), -10 to 0 dBm

Temperature Range -40C to +60C

FREQUENCY BANDS AVAILABLE

Typical service	1000XHA	1000XHB
Input frequency (GHz)	11.70 to 12.20	12.25 to 12.75
L.O. frequency (GHz)	10.75	11.30
Output frequency (MHz)	950 to 1450	950 to 1450

1000XHC

10.95 to 11.70

10.00

950 to 1700

HOW TO ORDER

1009XHAN

CONNECTOR F - 75 Ohm
N - 50 Ohm

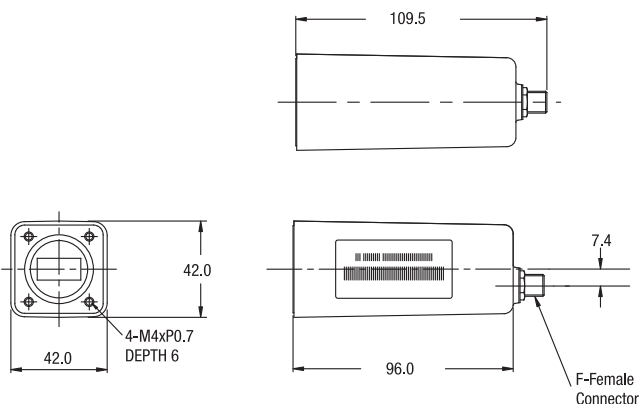
FREQUENCY A - 11.70 - 12.20 GHz
B - 12.25 - 12.75 GHz
C - 10.95 - 11.70 GHz

EXTERNAL REFERENCE

NOISE FIGURE 07 - 0.7 dB
08 - 0.8 dB
09 - 0.9 dB

LNB SERIES #

MECHANICAL DIAGRAM



Request A Quote