

# Norsat X band PLL LNB Series



*Your Trusted Source for Satellite Equipment*

## Norsat X1000HA Series

Noise figure	0.7 dB
L.O. stability (over temperature excl offset)	$\pm 12.5$ kHz
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	56 dB
Output P1dB	5 dBm
Power requirements	+15 to +24 V supplied through center conductor of IF cable
Current drain	230 mA
Input Waveguide	WR112
Dimensions	137 (L) x 70 (W) x 59 (H) mm (5.4 x 2.8 x 2.3 in)
Weight	600 g / 21.1 oz
Temperature Range	-40°C to +60°C

## FREQUENCY BANDS AVAILABLE

Input frequency (GHz)	7.25 to 7.75
L.O. frequency (GHz)	6.30
Output frequency (MHz)	950 to 1450

## HOW TO ORDER

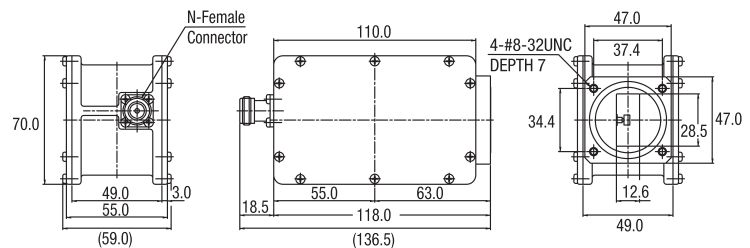
# X1000HAN

CONNECTOR

F - 75 Ohm  
N - 50 Ohm

LNB SERIES #

## MECHANICAL DIAGRAM



LNB-Norsat X1000HA Series\_REV002  
Specifications are subject to change without notice

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