



Norsat
International Inc.

Innovative Communication Solutions

LNB KU-BAND PLL 1000HE

SPECIFICATIONS

Noise Figure	0.8 dB typ., 1.0 dB max. at room temp. @ CF
L.O. Stability	± 10 kHz, ± 25 kHz
Phase Noise (SSB) max.	-70 dBc/Hz at 1kHz -80 dBc/Hz at 10kHz -90 dBc/Hz at 100kHz
Input VSWR	2.5 : 1
Output VSWR	2.2 : 1
Gain	55 dB typ., 50 dB min., 62 dB max.
Gain Flatness (over full band)	≤ 6 dBp-p max.
Output P1dB	+ 3 dBm min.



DC Power	+ 12 to + 24V DC
Current	300 mA max.
Input (waterproof)	WR-75 waveguide grooved
Output (waterproof)	F-Connector (75 Ohm) N-Connector (50 Ohm)
Dimensions (L x W x H)	130 mm x 60 mm x 42 mm (5.12 in x 2.36 in x 1.65 in)
Weight	300 g (10.58 oz)
Operating Temperature	- 40 to + 60°C
Storage Temperature	- 40 to + 80°C

FREQUENCY BANDS

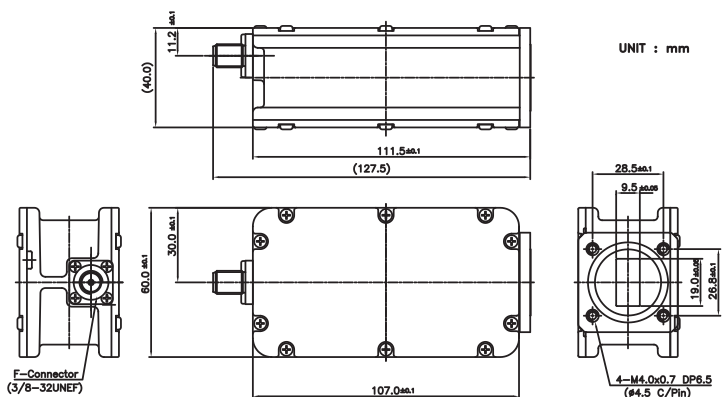
Frequency Band (GHz)	10.95 - 12.75
L.O. Frequency (GHz)	10.00
IF Frequency (MHz)	950 - 2750

HOW TO ORDER

1208HEF

CONNECTOR	F - 75 Ohm N - 50 Ohm
FREQUENCY	E: 10.95-12.75 GHz
INTERNAL REFERENCE	
NOISE FIGURE	08 - 0.8 dB
L.O. STABILITY	1: ± 10 kHz 2: ± 25 kHz
LNB SERIES #	

MECHANICAL DIAGRAM



Norsat
International Inc.



sales@norsat.com
www.norsat.com