Norsat International Inc.

Innovative Communication Solutio

35 YEARS OF EXCELLENCE

LNB
KA-BAND PLL
9000H

TYPICAL SPECIFICATIONS

Noise figure	1.4 dB
L.O. stability (over temperature excl offset)	±70 kHz
Phase noise (SSB)	-70 dBc/Hz at 1 kHz -85 dBc/Hz at 10 kHz -100 dBc/Hz at 100 kHz
Input VSWR	2.2 : 1
Output VSWR	2.0 : 1
Conversion gain	55 dB
Output P1dB	5 dBm
Power requirements	+15 to +24 V supplied through center conductor of IF cable
Current drain	300 mA
Input Waveguide	WR42
Dimensions	122 (L) x 60 (W) x 45 (H) mm (4.8 x 2.4 x 1.8 in)
Weight	400 g / 14.1 oz
Temperature Range	-40°C to +60°C

FREQUENCY BANDS AVAILABLE

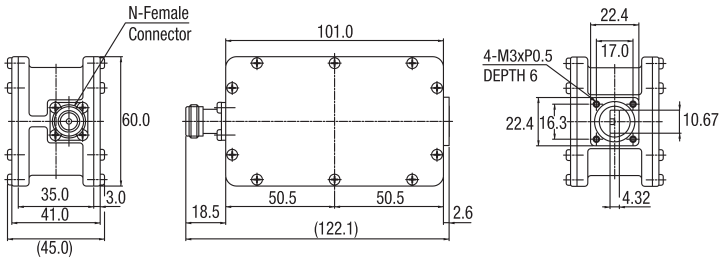
Typical service	9000HA	9000HB	9000HC
Input frequency (GHz)	18.20 to 19.20	19.20 to 20.20	20.20 to 21.20
L.O. frequency (GHz)	17.25	18.25	19.25
Output frequency (MHz)	950 to 1950	950 to 1950	950 to 1950

HOW TO ORDER

9000HAN

- **CONNECTOR** — F - 75 Ohm; N - 50 Ohm
- **FREQUENCY** — A - 18.20 - 19.20 GHz; B - 19.20 - 20.20 GHz; C - 20.20 - 21.20 GHz
- **LNB SERIES #**

MECHANICAL DIAGRAM



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