



Norsat
International Inc.

Innovative Communication Solutions



LNB

KA-BAND DUO

9000HX-O3b



TYPICAL SPECIFICATIONS

Noise figure	1.5 dB max.
L.O. stability	± 1.5 ppm in PLL
Phase noise	-70dBc @ 1KHz -80dBc @ 10KHz
Reference phase noise	-145dBc @ 1KHz
Input return loss	10dB max.
Output return loss	10dB max.
Conversion gain	55dB (min), 58 dB (typ)
Gain flatness over freq	± 1.5 dB in any 216MHz
Output P1dB	+5 dBm min
IP3	+15 dBm min

Image rejection	40 dBc min.
Output impedance	50 Ω
DC power	+11 to +26V
DC current	300 mA
Input waveguide	WR42
Output connector	N (Female)
Dimensions	137(L) x 70(W) x 59(H) mm
Weight	500g
Operating Temperature	-40 to + 55°C
Automatic switch to internal PLL when Ext. Ref. is not available.	

FREQUENCY BANDS AVAILABLE

	O3B-A	O3B-B
Frequency Band (GHz)	17.852 to 18.588	18.372 to 19.300
LO Frequency (GHz)	16.8	17.4
IF Frequency (MHz)	1052 to 1788	972 to 1900

HOW TO ORDER

9000HX-O3b-AN

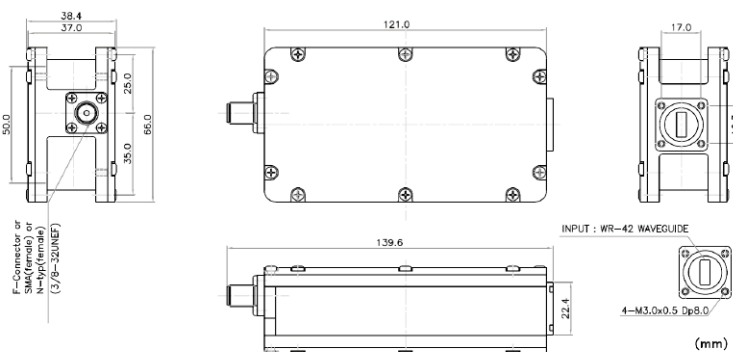
CONNECTOR

FREQUENCY

LNB SERIES #

Digisat International Inc.
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+1-321-676-5250
Email: sales@digisat.org
<http://www.digisat.org>

MECHANICAL DIAGRAM



N - 50 Ohm

A: 17.852 – 18.588 GHz

B: 18.372 – 19.300GHz

BUY NOW

