



**Norsat**  
International Inc.

Innovative Communication Solutions



# LNB

## SIMULTANEOUS-BANDS

### 1000DX EXT.REF.



#### TYPICAL SPECIFICATIONS

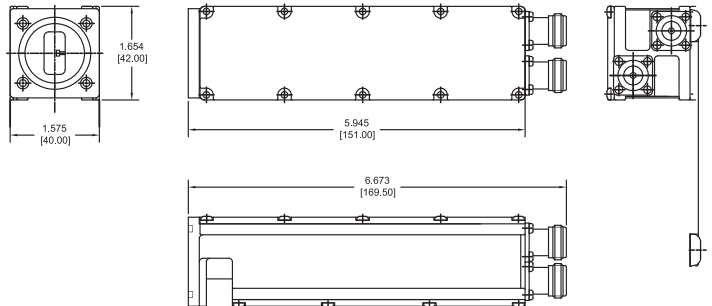
Noise figure	0.8 dB
LO stability	Phase locked to External Reference
LO Phase noise	-75 dBc at 1 kHz -85 dBc at 10 kHz -95 dBc at 100 kHz
Gain	55 dB
P1dB	+6 dBm
DC Power	18 V

Current	300 mA
Input Waveguide	WR-75
Output	F-connector (75 ohm) N (Optional) (50 ohm)
Dimensions	150 x 40 x 40 (L x W x H)
Weight	300 g
Operating Temperature	-40 ~ +60°C
External Ref Freq	10 MHz (sine-wave) -10 to 0 dBm

#### FREQUENCY BANDS AVAILABLE

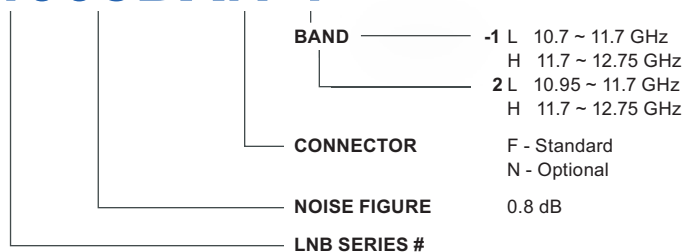
	-1	-2
Frequency Band (RF Input)	L 10.7 ~ 11.7 GHz H 11.7 ~ 12.75 GHz	10.95 ~ 11.7 GHz 11.7 ~ 12.75 GHz
LO Frequency	L 9.75 GHz H 10.75 GHz	10.00 GHz 10.75 GHz
IF Frequency	L 950 ~ 1950 MHz H 950 ~ 2000 MHz	950 ~ 1700 MHz 950 ~ 2000 MHz

#### MECHANICAL DIAGRAM

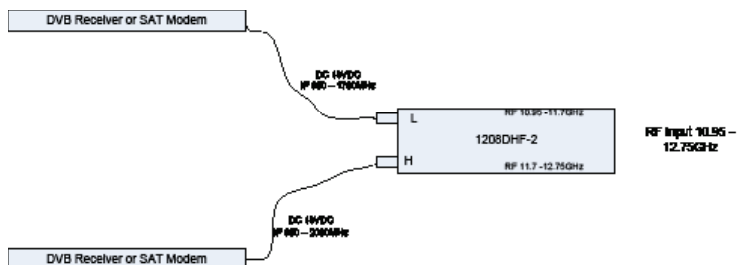


#### HOW TO ORDER

### 1008DXN-1



#### HOW TO INSTALL



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