



Norsat
International Inc.

Innovative Communication Solutions

LNB

KU-BAND

SIMULTANEOUS BANDS PLL

1000DH

SPECIFICATIONS



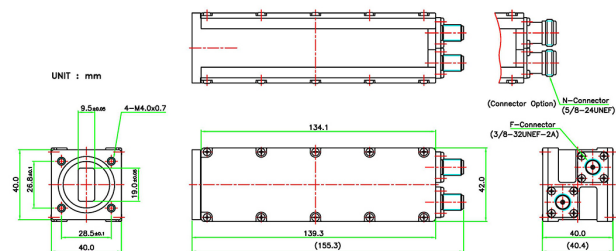
Noise Figure	0.8 dB typ., 0.85 dB max. at room temp. @ CF
L.O. Stability	± 10 kHz, ± 25 kHz
Phase Noise (SSB) max.	-70 dBc at 1 kHz -80 dBc at 10 kHz -95 dBc at 100 kHz
Input VSWR	2.2 : 1 max.
Output VSWR	2.0 : 1 max.
Gain	55 dB typ., 50 dB min., 62 dB max.
Gain Flatness (over full band)	≤ 4 dB p-p
Output P1dB	+ 5 dBm min.

DC Power	+12V to 24V DC
Current	450 mA max.
Input (waterproof)	WR-75 waveguide grooved
Output (waterproof)	F-Connector (75 Ohm) N-Connector (50 Ohm)
Dimensions (L x W x H)	155 mm x 42 mm x 40 mm (6.10 in x 1.65 in x 1.57 in)
Weight	450 g (15.87 oz)
Operating Temperature	- 40 to + 60°C
Storage Temperature	-50 to 70°C

FREQUENCY BANDS

		Option 1	Option 2
Frequency Band (GHz)	L	10.7 - 11.7	10.95 - 11.7
	H	11.7 - 12.75	11.7 - 12.75
L.O. Frequency (GHz)	L	9.75	10.00
	H	10.75	10.75
IF Frequency (MHz)	L	950 - 1950	950 - 1700
	H	950 - 2000	950 - 2000

MECHANICAL DIAGRAM

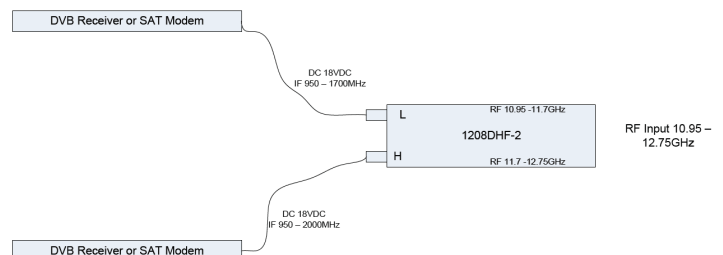


HOW TO ORDER

1108DHF-1

FREQUENCY (OPTION)	1: L 10.7 - 11.7 GHz H 11.7 - 12.75 GHz 2: L 10.95 - 11.7 GHz H 11.7 - 12.75 GHz
CONNECTOR	F - 75 Ohm N - 50 Ohm
INTERNAL REFERENCE	
NOISE FIGURE	08 - 0.8 dB
L.O. STABILITY	1: ± 10 kHz 2: ± 25 kHz
LNB SERIES #	

HOW TO INSTALL



Norsat
International Inc.



sales@norsat.com
www.norsat.com