



# LNB

## KU-BAND

### SIMULTANEOUS BANDS EXT REF

# 1000DX

## SPECIFICATIONS



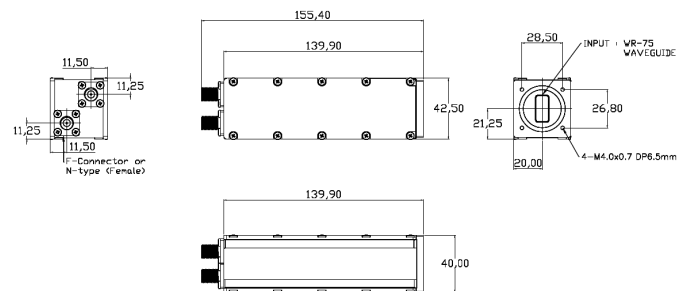
<b>Noise Figure</b>	0.8 dB typ., 0.85 dB max. at room temp @ CF
<b>L.O. Stability</b>	Phase Locked to External Reference
<b>Phase Noise (SSB) max.</b>	Depends on External Reference
<b>Input VSWR</b>	2.2 : 1 max.
<b>Output VSWR</b>	2.0 : 1 max.
<b>Gain</b>	55 dB typ., 50 dB min., 62 dB max.
<b>Gain Flatness (over full band)</b>	≤ 4 dB p-p
<b>Output P1dB</b>	+ 5 dBm min.

<b>DC Power</b>	+ 13V to + 20V DC
<b>Current</b>	450 mA max.
<b>Input (waterproof)</b>	WR-75 waveguide grooved
<b>Output (waterproof)</b>	F-Connector (75 Ohm) N-Connector (50 Ohm)
<b>Dimensions (L x W x H)</b>	155mm x 40 mm x 40 mm (6.10 in x 1.57 in x 1.57 in)
<b>Weight</b>	470 g (16.58 oz)
<b>Operating Temperature</b>	- 40 to + 60°C
<b>Storage Temperature</b>	- 40 to + 80°C
<b>External Ref Freq</b>	10 MHz (sine-wave), - 10 to 0 dBm

## FREQUENCY BANDS

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

## MECHANICAL DIAGRAM

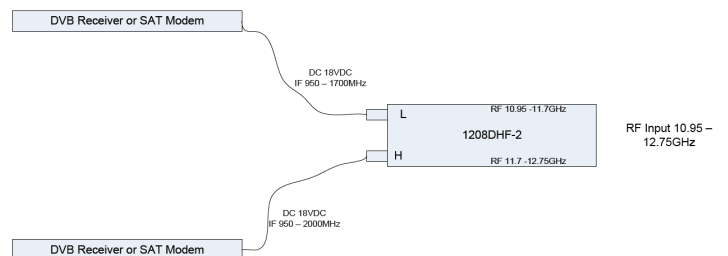


## HOW TO ORDER

# 1008DXN-1

<b>FREQUENCY (OPTION)</b>	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
<b>CONNECTOR</b>	F - 75 Ohm N - 50 Ohm
<b>EXTERNAL REFERENCE</b>	
<b>NOISE FIGURE</b>	08 - 0.8 dB
<b>LNB SERIES #</b>	

## HOW TO INSTALL



Request A Quote