



LNB

KU-BAND

SIMULTANEOUS BANDS EXT REF

1008DX

SPECIFICATIONS



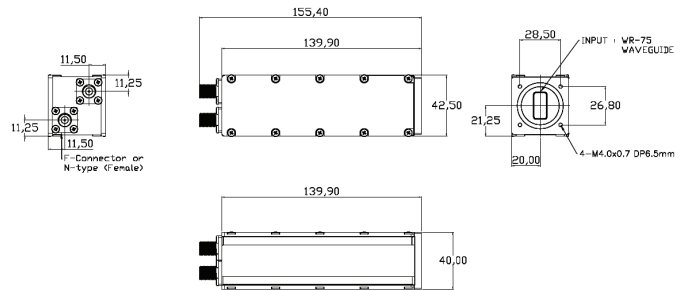
Noise Figure	0.8 dB typ., 0.85 dB max. at room temp @ CF
L.O. Stability	Phase Locked to External Reference
Phase Noise (SSB) max.	Depends on External Reference
Input VSWR	2.2 : 1 max.
Output VSWR	2.0 : 1 max.
Gain	55 dB typ., 50 dB min., 62 dB max.
Gain Flatness (over full band)	≤ 4 dB p-p
Output P1dB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

DC Power	+ 13V to + 20V 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)	155mm x 40 mm x 40 mm (6.10 in x 1.57 in x 1.57 in)
Weight	300 g (10.58 oz)
Operating Temperature	- 40 to + 60°C
Storage Temperature	- 40 to + 80°C
External Ref Freq	10 MHz (sine-wave), - 10 to 0 dBm

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

1008DXN-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
EXTERNAL REFERENCE	
NOISE FIGURE	08 - 0.8 dB
LNB SERIES #	

HOW TO INSTALL

