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VSATECH ASSOCIÉ

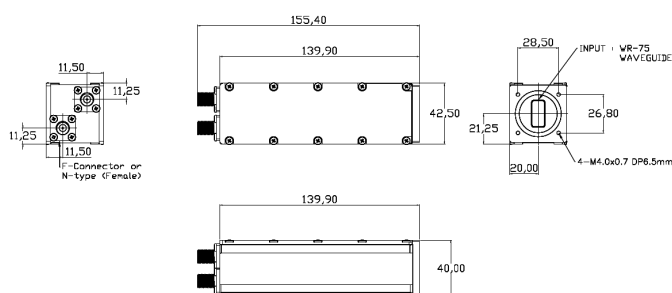
LNB KU-BAND SIMULTANEOUS BANDS EXT REF 1000DX

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 1.65 in x 1.57 in)
Weight	470 g (16.58 oz)
Operating Temperature	-40 to + 60°C
Storage Temperature	-40 to + 80°C
External Ref Freq	10 MHz (sine-wave), - 10 to 0 dBm



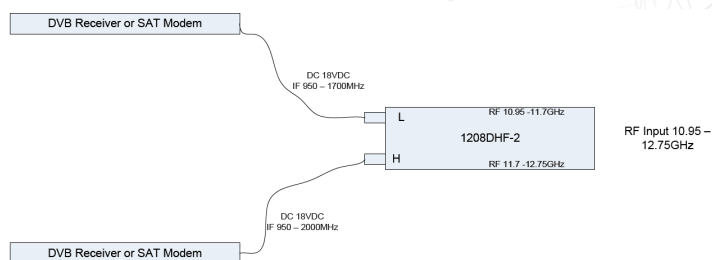
MECHANICAL DIAGRAM



FREQUENCY BANDS

		OPTION 1	OPTION 2
Input Frequency (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
Output Frequency (MHz)	L	950 - 1950	950 - 1700
	H	950 - 2000	950 - 2000

HOW TO INSTALL



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 #



EUROSATCOM
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3 avenue du Canada, bât. Zeta, 91940 Les Ulis, France

+33 1 69 18 19 30

www.eurosatcom.eu

sales@eurosatcom.eu