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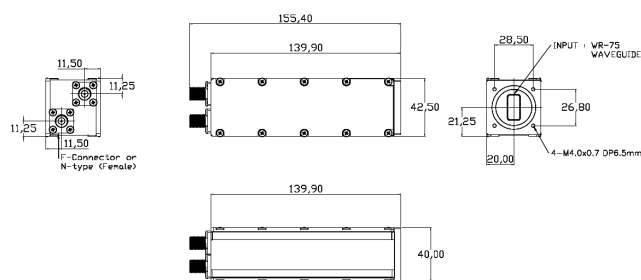
LNB KU-BAND SIMULTANEOUS BANDS PLL 1000DH

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/Hz at 1kHz -80 dBc/Hz at 10kHz -90 dBc/Hz at 100kHz
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)	155 mm x 42 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



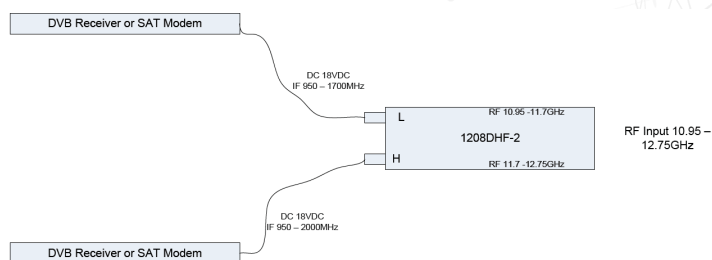
MECHANICAL DIAGRAM



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

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 #



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