



EUROSATCOM
VSATECH ASSOCIÉ

LNB C-BAND PLL 3000R HIGH STABILITY

SPECIFICATIONS

Noise Temperature at room temp. @CF	20K: 20K typ., 24K Max. 25K: 25K typ., 28K Max. 30K: 30K typ., 32K Max.
L.O. Stability	± 5 kHz to ± 10 kHz
Phase noise (SSB) max.	-73 dBc/Hz at 1kHz -83 dBc/Hz at 10kHz -93 dBc/Hz at 100kHz
Input VSWR	2.5 : 1 max.
Output VSWR	2.5 : 1 max.
Gain	65 dB typ., 55 dB min., 70 dB max.
Gain Flatness (over full band)	≤ 4 dB p-p max.
Output P1dB	+ 8 dBm min.
DC Power	+ 12V to + 24 V DC
Current	250 mA max.
Input (waterproof)	CPR-229G waveguide grooved
Output (waterproof)	F-Connector (75 Ohm) N-Connector (50 Ohm)
Dimensions (L x W x H)	180 mm x 100 mm x 70 mm (7.1 in x 4.0 in x 2.8 in)
Weight	575 g (20.28 oz)

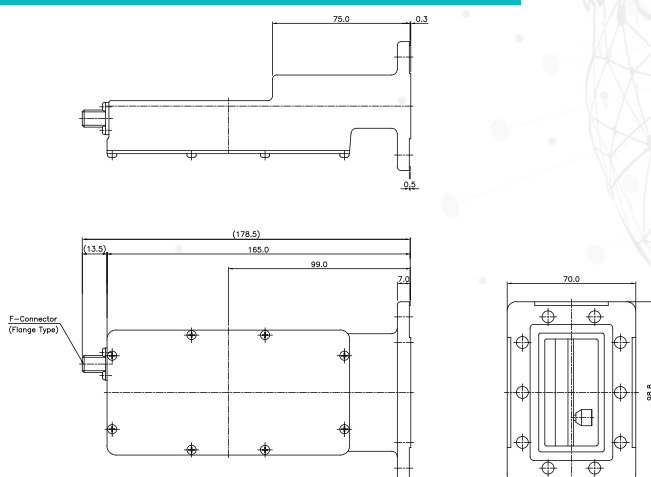


Operating Temperature	- 40 to + 60°C
Storage Temperature	- 40 to + 80°C

FREQUENCY BANDS

Frequency Band (GHz)	3.70 to 4.20
L.O. Frequency (GHz)	5.15
IF Frequency (MHz)	950 to 1450

MECHANICAL DIAGRAM



HOW TO ORDER

3125RN

CONNECTOR
F - 75 Ohm
N - 50 Ohm

FREQUENCY
R 3.7- 4.2 GHz

NOISE TEMPERATURE
20 - 20K
25 - 25 K
30 - 30 K

L.O. STABILITY
1: ±5 kHz
2: ±10 kHz

LNB SERIES #



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