



EUROSATCOM
VSATECH ASSOCIÉ

LNB C-BAND PLL 5000R

SPECIFICATIONS

Noise Temperature	15K typ., 30K max. at room temp. @ CF
L.O. Stability	± 50KHz - ± 100KHz Depending on model number
Phase noise (SSB) max.	-65 dBc/Hz at 1 kHz -80 dBc/Hz at 10 kHz -95 dBc/Hz at 100 kHz
Input VSWR	2.3 : 1 max.
Output VSWR	2.3 : 1 max.
Gain	62 dB typ., 55 dB min., 70 dB max.
Gain Flatness (over full band)	≤ 5 dB p-p max.
Output P1dB	+ 10 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)	190 mm x 115 mm x 78 mm (7.1 in x 4.0 in x 2.8 in)
Weight	580 g (20.45 oz)
Operating Temperature	- 40 to + 60°C
Storage Temperature	- 50 to + 70°C



FREQUENCY BANDS

Frequency Band (GHz)	3.7 - 4.2
L.O. Frequency (GHz)	5.15
IF Frequency (MHz)	950 - 1450

HOW TO ORDER

5500RF

CONNECTOR
F - 75 Ohm
N - 50 Ohm

L.O. STABILITY
5: ±50 kHz
7: ±75 kHz
1: ±100 kHz

LNB SERIES #



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