



LNB

C-BAND PLL

3000I

SPECIFICATIONS

Noise Temperature	25K typ., 30K max. at room temp. @ CF
L.O. Stability	± 10 kHz, ± 25 kHz
Phase Noise (SSB) max.	-73 dBc/Hz at 1 kHz -83 dBc/Hz at 10 kHz -93 dBc/Hz at 100 kHz
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
Output P1dB	+ 3 dBm min.



DC Power	+ 12V to + 24V
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 AVAILABLE

Frequency Band (GHz)	4.5- 4.8
L.O. Frequency (GHz)	5.95
IF Frequency (MHz)	1150 - 1450

HOW TO ORDER

3525IN

CONNECTOR	F - 75 Ohm N - 50 Ohm
FREQUENCY	I: 4.5- 4.8 GHz
NOISE TEMPERATURE	25 - 25K
L.O. STABILITY	2: 2.0 ppm ± 10KHz 5: 5.0 ppm ± 25 kHz
LNB SERIES #	

MECHANICAL DIAGRAM

