



LNB

X-BAND PLL

X1000HA

SPECIFICATIONS

Noise Figure	0.7 typ., 0.8 dB max. at room temp. @ CF
L.O. Stability	± 12.5 KHz max.
Phase Noise (SSB) max.	-75 dBc/Hz at 1 kHz -85 dBc/Hz at 10 kHz -95 dBc/Hz at 100 kHz
Input VSWR	2.2 : 1 max.
Output VSWR	2.3 : 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	+ 12V to + 24V DC
Current	300 mA max.
Input (waterproof)	WR-112 waveguide grooved
Output (waterproof)	F-Connector (75 Ohm) N-Connector (50 Ohm)
Dimensions (L x W x H)	137 mm x 70 mm x 59 mm (5.4 in x 2.8 in x 2.3 in)
Weight	600 g (21.16 oz)
Operating Temperature	- 40 to + 60°C
Storage Temperature	- 50 to + 70°C

FREQUENCY BANDS

Frequency Band (GHz)	7.25 - 7.75
L.O. Frequency (GHz)	6.30
IF Frequency (MHz)	950 - 1450

HOW TO ORDER

X1000HAN

CONNECTOR

F - 75 Ohm
N - 50 Ohm

LNB SERIES #

MECHANICAL DIAGRAM

