



LNB

KA-BAND AUTO-REF

9000HX-O3B



SPECIFICATIONS

Noise Figure	1.5 dB max. at room temp. @ CF
L.O. Stability	± 50 KHz in PLL mode
Phase Noise (SSB) max.	-60dBc @ 100Hz -70dBc @ 1KHz -80dBc @ 10KHz
Input VSWR	2.0 : 1 max.
Output VSWR	2.0 : 1 max.
Gain	58 dB typ., 55 dB min., 65 dB max.
Gain Flatness (over full band)	≤ 5 dB p-p
Output P1dB	+ 5 dBm min.

DC Power	+ 11V to + 26V DC (See below for Band Select)
Current	350 mA max.
Input (waterproof)	WR-42 waveguide grooved
Output (waterproof)	F-Connector (75 Ohm) N-Connector (50 Ohm)
Dimensions (L x W x H)	104 mm x 60 mm x 39 mm (4.09 in x 2.36 in x 1.53 in)
Weight	400 g (14.11 oz)
Operating Temperature	- 40 to + 60°C
Storage Temperature	- 40 to + 80°C
External Ref Freq	10 MHz (sine-wave), -10 to 0 dBm

FREQUENCY BANDS

	O3B-A	O3B-B
Frequency Band (GHz)	17.852-18.588	18.372-19.300
L.O. Frequency (GHz)	16.8	17.4
IF Frequency (MHz)	1052-1788	972-1900

HOW TO ORDER

9000HX-O3B-AN

CONNECTOR	F - 75 Ohm N - 50 Ohm
FREQUENCY	A: 17.852 – 18.588 GHz B: 18.372 – 19.300 GHz
LNB SERIES #	

MECHANICAL DIAGRAM

