



LNB

KA-BAND DUAL BAND AUTO-REF 9000HX-O3B-ABS



SPECIFICATIONS

Noise Figure	1.2dB typ., 1.5 dB max. at room temp. @ CF	DC Power	+ 11V to + 26V DC (See below for Band Select)
L.O. Stability	± 25 KHz in PLL mode if no 10MHz Ext Ref present	Current	350 mA max.
Phase Noise (SSB) max.	-60dBc @ 100Hz -70dBc @ 1KHz -80dBc @ 10KHz	Input (waterproof)	WR-42 waveguide grooved
Input VSWR	2.0 : 1 max.	Output (waterproof)	F-Connector (75 Ohm) N-Connector (50 Ohm)
Output VSWR	2.0 : 1 max.	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)
Gain	58 dB typ., 55 dB min., 65 dB max.	Weight	400 g (14.11 oz)
Gain Flatness (over full band)	≤ 5 dB p-p	Operating Temperature	- 40 to + 60°C
Output P1dB	+ 5 dBm min.	Storage Temperature	- 40 to + 80°C
		External Ref Freq	10 MHz (sine-wave), -10 to 0 dBm

FREQUENCY BANDS

	BAND-A (13V)	BAND-B (18V)
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-ABSF

CONNECTOR F - 75 Ohm
N - 50 Ohm
LNB SERIES #

MECHANICAL DIAGRAM

