



LNB

KU-BAND EXT REF COMPACT 1000XH

SPECIFICATIONS

Noise Figure	0.7 - 0.9 dB typ. at room temp. @ CF (0.8 - 1.0 dB max.)
L.O. Stability	Phase Locked to External Reference
Phase Noise (SSB) max.	Depends on External Reference
Input VSWR	2.5 : 1 max.
Output VSWR	2.2 : 1 max.
Gain	60 dB typ., 55 dB min., 65 dB max.
Gain Flatness (over full band)	≤ 4 dB p-p
Output P1dB	+ 5 dBm min.



DC Power	+ 15 to + 24 V DC
Current	300 mA max.
Input (waterproof)	WR-75 waveguide grooved
Output (waterproof)	F-Connector (75 Ohm) N-Connector (50 Ohm)
Dimensions (L x W x H)	110 mm x 42 mm x 42 mm (4.3 in x 1.7 in x 1.7 in)
Weight	300 g (10.58 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

	1000XHA	1000XHB	1000XHC
Frequency Band (GHz)	11.70 - 12.20	12.25 - 12.75	10.95 - 11.70
L.O. Frequency (GHz)	10.75	11.30	10.00
IF Frequency (MHz)	950 - 1450	950 - 1450	950 - 1700

HOW TO ORDER

1009XHAN

CONNECTOR	F - 75 Ohm N - 50 Ohm
FREQUENCY	A: 11.70 - 12.20 GHz B: 12.25 - 12.75 GHz C: 10.95 - 11.70 GHz
EXTERNAL REFERENCE	
NOISE FIGURE	07 - 0.7 dB 08 - 0.8 dB 09 - 0.9 dB
LNB SERIES #	

MECHANICAL DIAGRAM

