



LNB

KU-BAND EXT REF

1000XE

SPECIFICATIONS

Noise Figure	0.8 dB typ., 1.0 dB max. at room temp. @ CF
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	55 dB typ., 50 dB min., 62 dB max.
Gain flatness (over full band)	≤ 6 dB p-p
Output P1dB	+ 5 dBm min.



DC Power	+ 12 to + 24V 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)	130 mm x 60 mm x 42 mm (5.12 in x 2.36 in x 1.65 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), -5 to +5 dBm

FREQUENCY BANDS

Frequency Band (GHz)	10.95 - 12.75
L.O. Frequency (GHz)	10
IF Frequency (MHz)	950 - 2750

HOW TO ORDER

1008XEN

CONNECTOR	F - 75 Ohm N - 50 Ohm
FREQUENCY	E: 10.95-12.75 GHz
EXTERNAL REFERENCE	
NOISE FIGURE	08 - 0.8 dB
LNB SERIES #	

MECHANICAL DIAGRAM

