



LNB

KU-BAND EXT REF

1000X-2



TYPICAL SPECIFICATIONS

Noise Figure	0.8 dB typ
LO Stability	Phase Locked to External Reference
Phase Noise (Depends on External Reference)	-70 dBc at 1 kHz -80 dBc at 10 kHz -95 dBc at 100 kHz
Gain	60 dB typ., 55 dB min. @ full frequency band
Output P1dB	+5 dBm min
DC Power	+12V to +24V DC

Current	250 mA
Input (waterproof)	WR-75 waveguide
Output (waterproof)	F-connector (75 ohm) N (Optional) (50 ohm)
Dimensions	128 x 60 x 40 (L x W x H)
Weight	450 g
Operating Temperature	-40 ~ +60°C
Storage Temperature	-40 ~ +80°C
Ext Ref Frequency	10 MHz (sine-wave), -5 to +5 dBm

FREQUENCY BANDS AVAILABLE

Frequency Bands	1000XA-2	1000XB-2	1000XC-2	1000XD-2	1000XF-2	1000XG-2
Input Frequency	11.7 ~ 12.2 GHz	12.25 ~ 12.75 GHz	10.95 ~ 11.7 GHz	10.7 ~ 11.80 GHz	11.7 ~ 12.75 GHz	12.2 ~ 12.7 GHz
LO Frequency	10.75 GHz	11.3 GHz	10.0 GHz	9.75 GHz	10.75 GHz	11.25 GHz
IF Frequency	950 ~ 1450 MHz	950 ~ 1450 MHz	950 ~ 1700 MHz	950 ~ 2050 MHz	950 ~ 2000 MHz	950 ~ 1450 MHz

HOW TO ORDER

1008XDN-2



N - Optional N-Connector
 A- 11.70-12.20 GHz
 B- 12.25-12.75 GHz
 C - 10.95-11.70 GHz
 D - 10.70-11.80 GHz
 F - 11.70-12.75 GHz
 G - 12.20-12.70 GHz
 0.8 dB
 Version 2

MECHANICAL DIAGRAM

