

LNB KU-BAND DUAL BAND EXT REF

SPECIFICATIONS

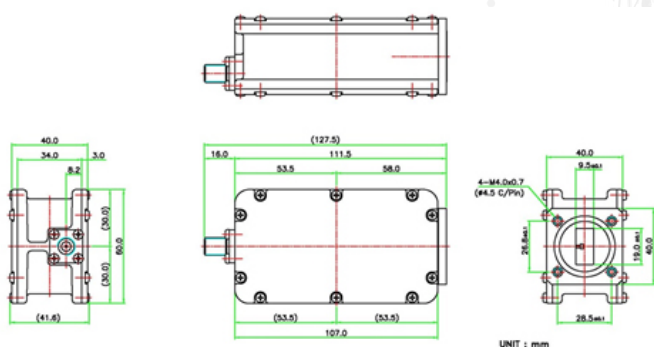
Noise Figure	0.8 dB typ., 1 dB max. @ room temp. @ CF
L.O. Stability	Phase Locked to External Reference
Phase Noise (SSB) max.	Depends on External Reference
Input VSWR	2.3 : 1 max.
Output VSWR	2.3 : 1 max.
Gain	60 dB typ., 55 dB min., 65 dB max.
Gain Flatness (over full band)	≤ 5 dB p-p
Output P1dB	+ 5 dBm min.
DC Power	+ 12V to + 24V DC (See below for Band Select)
Current	350 mA max.
Input (waterproof)	WR-75 waveguide grooved
Output (waterproof)	F-Connector (75 Ohm) N-Connector (50 Ohm)
Dimensions (L x W x H)	128 mm x 60 mm x 40 mm (5.04 in x 2.36 in x 1.57 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

Band 1 (13V)			Band 2 (18V)		
Frequency Band (GHz)	10.70 - 11.70		11.70 - 12.75		
L.O. Frequency (GHz)	9.75		10.6		
IF Frequency (MHz)	950 - 1950		1100 - 2150		

MECHANICAL DIAGRAM



HOW TO ORDER

1008XDFN

- CONNECTOR
 - Type F Connector (75 Ohm)
 - Type N Connector (50 Ohm)

EXTERNAL REFERENCE

- NOISE FIGURE
08 - 0.8 dB

LNB SERIES #

