



LNB

KU-BAND

LNB-100097

SPECIFICATIONS

Noise Figure	1.1 dB max.	Power Supply	+ 12V to + 24V DC
L.O. Stability at -40 to +60°C	+/-10, 25 kHz max.	Current	350 mA max.
Phase Noise	-70 dBc/Hz at 1 kHz -80 dBc/Hz at 10 kHz -95 dBc/Hz at 100 kHz	Input waveguide flange	WR-75
Input VSWR	2.5 : 1 max.	Output Connector	F or N-Connector
Output VSWR	2.5 : 1 max.	Dimension	111.5 x 60 x 41.6 mm
Conversion gain at -40 to +60°C	60 dB typ., 55 dB min., 65 dB max.	Weight	400g
Gain Flatness	4 dBp-p max. (each band)	Operating Temperature	-40°C to +60°C
Gain Flatness at -40 to +60°C	5 dBp-p max. (each band)	Waterproof	IP 67
Gain ripple at per 27MHz, -40 to +60°C	1 dBp-p max.		
Image rejection	40 dBc min.		
Output Power (P1dB)	+5 dBm min.		

FREQUENCY BANDS

Frequency Band (GHz)	13.4 - 13.7
L.O. Frequency (GHz)	12.45
IF Frequency (MHz)	950 - 1250

MECHANICAL DIAGRAM

