



LNB

KA-BAND EXT REF

LNB-100044

SPECIFICATIONS

Noise Figure	6.5 dB max.	DC Power	+ 12V to + 24V DC
L.O Stability	Phase Locked to External Reference	Current	500 mA max.
Phase Noise (SSB) max.	-70 dBc/Hz at 1 KHz -78 dBc/Hz at 10 KHz -90 dBc/Hz at 100 KHz	Input (waterproof)	WR-34 waveguide grooved
Input VSWR	3.5: 1 max.	Output (waterproof)	K-Connector (50 Ohm)
Output VSWR	2.5: 1 max.	Dimensions (exclude connector)	129.9 mm x 56.6 mm x 32.8 mm
Gain	55 dB typ. (50 dB min. 60 dB max.)	Weight	TBD
Gain Flatness (over full band)	6 dB p-p max.	Operating Temperature	- 40 to + 60°C
Output P1dB	+ 5 dBm min.	External Ref Freq	10 MHz (sine-wave), - 5 to + 5 dBm
		External Ref Port	Separate SMA-Connector (50 ohm)

FREQUENCY BAND

Frequency Band (GHz)	25.5 – 27.0
L.O. Frequency (GHz)	23.85
IF Frequency (MHz)	1650 – 3150

MECHANICAL DIAGRAM (Example, connectors may vary)

