



LNB

Ku-BAND PLL

LNB-100103

SPECIFICATIONS

Noise Figure	1.2 dB max.
L.O. Stability	Depends on ext. ref.
Phase Noise (SSB) max.	-70 dBc/Hz at 1 kHz -80 dBc/Hz at 10 kHz -95 dBc/Hz at 100 kHz
Input VSWR	2.5 : 1 max.
Output VSWR	3.0 : 1 max
Gain	60 dB typ., 55 dB min., 65 dB max.
Gain Flatness	≤ 6 dB p-p
Gain Ripple at 27 MHz	≤ 1 dB p-p
Output Power (P1dB)	+ 5 dBm min.

External Reference	10MHz, - 5 to + 5 dBm via IFL
Input Voltage	+ 15V to + 26V DC
Current	350 mA max.
Input (waterproof)	WR-75 waveguide grooved
Output (waterproof)	N-Connector (50 Ohm)
Dimensions (L x W x H)	111.5 mm x 60.0 mm x 41.6 mm (4.39 in x 2.36 in x 1.64 in)
Weight	400 g (14.11 oz)
Operating Temperature	- 40 to + 60°C

FREQUENCY BANDS

Frequency Band (GHz)	10.70 – 12.75
L.O. Frequency (GHz)	9.75
IF Frequency (MHz)	950 – 3000

