



# 25 KHz Stability X-Band PLL LNB

## KEY FEATURES

- ◆ Stability 25 KHz
- ◆ Input frequency 7.25 - 7.75 GHz
- ◆ L.O. - 6.3 GHz
- ◆ Output frequency 950 - 1450 MHz
- ◆ N / F connector options (50/75 ohms)
- ◆ RoHS compliant
- ◆ Three year warranty

**ALX0025 / ALX0025F**



## Specifications

Conversion gain	55 dB	Gain flatness	3 dB p-p max.
Input VSWR	2.2 : 1 max.	Output VSWR	2.2 : 1 typ.
IF connector	"F" or "N" - type female	IF impedance	75 or 50 ohms
RF interface	WR-112 Grooved	Leakage	-45 dBm max.
Phase noise	Ext. ref. dependant	Noise figure	0.8 dB max.
Ext. ref. frequency	10MHz	Ext. ref. level	-5 to +5 dBm
L.O. stability	25 KHz	Current	300 mA max.
Ext. ref. input	IF output connector	Dimensions (mm)	135 x 51 x 70
Power supply	+12 - +24 VDC	Weight (g)	450
Operating temperature	-40C - +60C	Storage temperature	-50C - + 80C

## Mechanical Drawing

