



# X-Band PLL LNB

## KEY FEATURES

- ◆ L.O. 6.3 GHz
- ◆ Output Frequency 950 – 1450 MHz
- ◆ Input Frequency 7.25 – 7.75 GHz
- ◆ N / F Connector Options (50/75ohms)
- ◆ RoHS Compliant
- ◆ Three year Warranty

## ALX100



## Specifications

Conversion gain	55 dB Typ.	Gain flatness	4 dB p-p Max.
Input VSWR	2.2 : 1 Typ.	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	-75 dBc/Hz (@1KHz)	Noise figure	0.8 dB Max.
	-85 dBc/Hz (@10KHz)	Ext. Ref. frequency	
	-95 dBc/Hz (@100KHz)	Ext. Ref. level	
L.O. Stability	+/-12.5 KHz max.	Current	10 MHz
Ext. Ref. input	IF output connector	Storage Temperature	-40C to +80C
Power Supply	+12 - +24 VDC	Weight (g)	450 g

## Mechanical Drawing

