



# Ka-Band External Reference LNB

**ALAX / ALBX / ALCX / ALDX  
ALAXF / ALBXF / ALCXF / ALDXF**

## KEY FEATURES

- ◆ RF: 18.2 - 22.2 GHz
- ◆ IF: 950 - 1950 MHz
- ◆ N / F connector options (50/75ohms)
- ◆ RoHS compliant
- ◆ Three year warranty



Model	RF Frequency	IF Frequency	L.O.
ALAX	18.2 - 19.2 GHz	950 - 1950 MHz	17.25 GHz
ALBX	19.2 - 20.2 GHz	950 - 1950 MHz	18.25 GHz
ALCX	20.2 - 21.2 GHz	950 - 1950 MHz	19.25 GHz
ALDX	21.2 - 22.2 GHz	950 - 1950 MHz	20.25 GHz

Conversion gain	55 dB typ.(50dB min. 62dB max.)	Gain flatness	5 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 - 42 Grooved	Leakage	-55 dBm max.
Phase noise	Ext. ref. dependent	Noise figure	.95 dB max.
Ext. ref. frequency	10 MHz	Gain ripple(per 27MHz)	1 dBp-p max.
Ext. ref. level	-10 to 0 dBm	1dB gain comp. point	+7 dBm min.
L.O. stability (over temp)	Locked Ext. Ref.	Current	300 mA max.
Relative humidity	0% to 95% RH	Storage temperature	-40C - + 80C
Power supply	+12 - +24 VDC	Weight (g)	350
Operating temperature	-30C - +60C	Dimensions (mm)	101 x 60 x 41

