



External Reference Ku-Band LNB

KEY FEATURES

AL10X / AL20X / AL30X / AL40X

- ◆ External Reference
- ◆ Smallest package size and weight
- ◆ N / F Connector Options (50/75ohms)
- ◆ RoHS Compliant
- ◆ Three year Warranty



Model	RF Frequency	IF Frequency	L.O.
AL10X	10.95-11.70 GHz	950 - 1700 MHz	10.00 GHz
AL20X	11.70-12.20 GHz	950 - 1450 MHz	10.75 GHz
AL30X	12.25-12.75 GHz	950 - 1450 MHz	11.30 GHz
AL40X	12.2-12.7 GHz	950 - 1450 MHz	11.25 GHz

Specifications

Conversion gain	60 dB Typ.	Gain flatness	4 dB p-p Max.
Input VSWR	2.5 : 1 Typ.	Output VSWR	2.5 : 1 Typ.
IF Connector	"F" or "N" - Type Female	IF impedance	75 or 50 ohms
RF Interface	WR - 75 Grooved	Leakage	-55 dBm Max.
Phase Noise	Ext. Ref. Dependent	Noise figure	0.8 - 0.9 dB Max.
L.O. Stability	Locked Ext. Ref.	Ext. Ref. frequency	10 MHz
Ext. Ref. input	IF output connector	Ext. Ref. level	-10 to 0 dBm
Power Supply	+12 - +24 VDC	Current	280 mA Max.
Operating Temperature	-40C - +60C	Storage Temperature	-50C - + 80C
Dimensions (mm)	107 x 60 x 40	Weight (g)	380

Mechanical Drawing

