



C-Band External Reference LNB

AL5X / AL5XN

KEY FEATURES

- ◆ External reference
- ◆ N / F connector options (50/75 ohms)
- ◆ RoHS compliant
- ◆ Three year warranty



Model	RF Frequency	IF Frequency	L.O.
AL5X	3.400 - 4.200 GHz	950 - 1750 MHz	5.15 GHz

Specifications

Conversion gain	65 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 - 229 Grooved	Leakage	-45 dBm max.
Phase noise	Ext. ref. dependent	Noise figure	0.3 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	250 mA max.
Operating temperature	-40C - +60C	Storage temperature	-40C - + 80C
Dimensions (mm)	179.5 x 98.8 x 70	Weight (g)	575

Mechanical Drawing

