



C-Band PLL LNB +/-5KHz

KEY FEATURES

- ◆ +/- 5KHz Stability
- ◆ Smallest package size and weight
- ◆ RoHS Compliant
- ◆ Three-year Warranty

AL50005 / AL50005N



Specifications

RF Input Frequency	3.400 - 4.200 GHz	IF Output Frequency	950 - 1750 MHz
L.O.	5.15 GHz	L.O. Init. Offset	+/- 1PPM Max. @ +25
Conversion Gain	55 dB Typ.	Gain Flatness	5 dB p-p Max.
Input VSWR max.	2.5 : 1 Typ.	Output VSWR max.	2.5 : 1 Typ.
IF Connector	"F" or "N" - Type	IF Impedance	50ohms, 75 ohms
RF Interface	WR - 229 Grooved	Leakage	-50 dBm Max.
Phase Noise	-75 dBc/Hz @1KHz	Noise Temperature	20K Typ.
	-80 dBc/Hz @10KHz		30K Max
Power Supply	+12 - +24 VDC	Current	250 mA Max.
Operating Temperature	-40C - +60C	Storage Temperature	-40C - + 75C
Dimensions (mm)	144 x 68 x 39	Weight (g)	500

Mechanical Drawing

