



+/- 250KHz stability Insat C-Band PLL LNB

KEY FEATURES

- ◆ L.O. 5.95 GHz
- ◆ +/- 250KHz stability
- ◆ Smallest package size and weight
- ◆ RoHS compliant
- ◆ Three year warranty

AL60250



Specifications

Input Frequency	4.5 - 4.8 GHz	Output Frequency	1150 - 1450 MHz
Local oscillator	5.95 GHz	Gain flatness	4 dBp-p max.
Conversion gain	65 dB typ.(55 dB min.70 dB max.)	Gain ripple at per 36MHz	1 dBp-p max.
Input VSWR	2.5 : 1 max.	Output VSWR	2.5 : 1 max.
IF connector	"F" or "N" - type female	L.O. stability	+/- 250 KHz max.
RF interface	WR-229 G	Image rejection	40 dBc min.
Phase noise	-65 dBc/Hz @1KHz	Leakage	-45 dBm max.
	-80 dBc/Hz @10KHz	Noise temperature	25'K typ. 30'K max.
	-95 dBc/Hz @100KHz		
Power supply	+12 - +24V DC	Current	250 mA max.
Operating temperature	-40C - +60C	Storage temperature	-40C - +80C
IP rating	IP67	Output P1dB	+5 dBm min.
Dimensions & housing	98.8 x 70.0 x 164.5 mm.	Weight	575 g.
	3.88" x 2.75" x 6.47"		

Mechanical Drawing

