



Insat C-Band Internal Reference PLL LNB

AL60025

KEY FEATURES

- ◆ Input frequency 4.5 - 4.8 GHz
- ◆ L.O. - 5.75 GHz
- ◆ Output frequency 950 - 2350 MHz
- ◆ N / F connector options (50/75 ohms)
- ◆ RoHS compliant
- ◆ Three year warranty



Model	RF Frequency	IF Frequency	L.O.
AL60025	4.500 - 4.800 GHz	950 - 1250 MHz	5.75 GHz

Specifications

Conversion gain	65 dB typ.	Gain flatness	3 dB p-p max.
Input VSWR	2.3 : 1 Max.	Output VSWR	2.3 : 1 Max.
IF connector	"F" or "N" - type female	IF impedance	75 or 50 ohms
RF interface	WR - 229 Grooved	Leakage	-45 dBm max.
Phase noise	-73 dBc/Hz at 1KHz	Noise Temp.	30 K max.
	-83 dBc/Hz at 10KHz	LO Stability	+/- 25 KHz
	-93 dBc/Hz at 100KHz	Reference	Internal
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

