



25 KHz-Stability Ku-Band PLL LNB

KEY FEATURES

AL10025 / AL20025 / AL30025

- ◆ 25 KHz L.O. Stability
- ◆ Smallest package size and weight
- ◆ N / F Connector Options (50/75ohms)
- ◆ RoHS Compliant
- ◆ Three year Warranty



Model	RF Frequency	IF Frequency	L.O.
AL10025	10.95-11.70 GHz	950 - 1700 MHz	10.00 GHz
AL20025	11.70-12.20 GHz	950 - 1450 MHz	10.75 GHz
AL30025	12.25-12.75 GHz	950 - 1450 MHz	11.30 GHz

Specifications

Conversion gain	55 to 70 dB	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 Waterproof	Gain Ripple	1 dB p-p max per 36 MHz
Phase Noise	100 Hz -70 dBc/Hz	Noise figure	0.8 dB Max.
	1 KHz -80 dBc/Hz.	Power Supply	+12 - +24 VDC
	10 KHz -85 dBc/Hz	Current	200 mA Max.
	100 KHz -105 dBc/Hz	Leakage	-55 dBm Max.
Operating Temperature	-40C - +60C	Storage Temperature	-40C - + 80C
Dimensions (mm)	125 x 60 x 22	Weight (g)	300

Mechanical Drawing

