



500KHz Stability Ku-Band DRO LNB

AL10500 / AL20500 / AL30500
AL10500N / AL20500N / AL30500N

KEY FEATURES

- ◆ +/- 500 KHz stability
- ◆ Smallest package size and weight
- ◆ RoHS compliant
- ◆ Two year warranty



Model	RF Frequency	IF Frequency	L.O.
AL10500	10.95 to 11.70 GHz	950 - 1700 MHz	10.00 GHz
AL20500	11.70 to 12.20 GHz	950 - 1450 MHz	10.75 GHz
AL30500	12.25 to 12.75 GHz	950 - 1450 MHz	11.30 GHz

Specifications

Conversion gain	60 dB typ.	Gain flatness	1 dB p-p max.
Input VSWR	2.5 : 1 typ.	Output VSWR	2.0 : 1 typ.
IF connector	"F" - type female	IF impedance	75 ohms
RF interface	WR - 75 Grooved	Leakage	-45 dBm max.
Phase noise	-75 dBc/Hz @10KHz	Noise Figure	0.8 dB max.
	-85 dBc/Hz @100KHz	Power supply	+15 - +24 VDC
	-100 dBc/Hz @1MHz	Current	350 mA max.
Operating temperature	-40C - +50C	Storage temperature	-40C - + 60C
Dimensions (mm)	150 x 70 x 40	Weight (g)	150

Mechanical Drawing

