

## SPECIFICATIONS OF THE PRODUCT



# 13K C-Band LNB

Input frequency range:	3.7 a 4.2GHz
Output frequency range:	950 a 2, 050MHz
Low band:	950 a 1, 450MHz
High band:	1, 550 a 2, 050MHz
Conversion gain:	60dB(TYP) @250C 55dB(min) 65dB(MAX)
Gain flatness:	8dB Over Band +_ 1dB/25MHz
Noise figure:	0.4dB(TYP) 06dB(max)
Cross polarization discrimination:	20dB
Image rejection:	45dB
Out power:	0dB (minimum)
IF band spurious (1, 200MHz):	-57dBm
Low band:	5.15GHz
High band:	5.75GHz
Stability:	$\pm 1.0\text{MHz}$ a $25^\circ\text{C}$ $\pm 3.0\text{MHz}$ a $-40$ to $+60^\circ\text{C}$
Phase noise:	-50dBc/Hz a 1KHz -75dBc/Hz a 10KHz -95dBc/Hz a 100KHz
Polarization selection:	
H/V:	
Output connector:	11 a 19V DC
DC current consumption:	200 a 250mA
Operating temperature:	-40 a +60

