



GLOBAL EAST ASIA TECHNOLOGY CO.,LIMITED

Product name: KU BAND SINGLE LNBF

Product model: GLLNB01



Item	Specification	Item	Specification
Input Frequency Range	Low Band:10.70~11.70GHz	Gain Flatness	$\pm 0.5\text{dB}/26\text{MHz}$
	High Band:11.70~12.75GHz	Cross POL. Isolation	25dB(Typ.)
Output Frequency Range	Low Band:950~1950MHz	Image Rejection	40dB(Min.)
	High Band:1100~2150MHz	Output VSWR	2.0:1(Max.)
L.O. Frequency	Low Band:9.75GHz	P1dB	0dBm (Min.)
	High Band:10.60GHz	DC Current Consumption	150mA(Typ.)
L.O. Frequency Stability	$\pm 1.0\text{MHz}$ (Max.)@+25℃	Low/High Band Switching	Low Band:0Hz
	$\pm 2.0\text{MHz}$ (Max.)@-30℃~+70℃		High Band:22KHz $\pm$ 4KHz
L.O. Phase Noise	-60dBc/Hz@1KHz	POL. Switching Voltage	10.5~14.0V @Vertical
	-80dBc/Hz@10KHz		16.0~20.0V @Horizontal
	-100dBc/Hz@100KHz	Relative Humidity	0%~95%
Conversion Gain	60dB(Typ.)	Operating Temperature	-30℃~+70℃
Noise Figure	0.3dB(Typ.)	Connector Type	75Ω Female Connector

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