

The Ka-Band LNB is designed for use primarily in K/Ka Band satellite applications.

Main Feature

- Ultra Small size
- Low Noise Figure
- M&C Control



Specification

Item	Parameters	Specifications	Notes	
Electrical Spec.	RF Input Frequency	20.20 ~ 21.20 GHz		
	IF frequency	2500 ~ 3500 MHz		
	Noise Figure	1.6dB		
	Ext. ref. Phase Noise	@ 100 Hz	-65	
		@ 1 kHz	-75	
		@ >10 kHz	-85	
		@ 100 kHz	-95	
		@ >1 MHz	-95	
	Gain(absolute linear)	60±3dB		
	Gain Flatness	±1.5dB@1GHz BW		
	Output P1dB	+10 dBm min.		
	Input VSWR	2.0:1		
	Output VSWR	1.5:1		
DC Input Voltage	+8 VDC			
Current Consumption	7W Max.			
M&C	PLL Lock, TTL	M&C Connector		
Mechanical Spec.	Input Interface	WR-42 with Groove		
	Output Interface	SMA(F)	50 ohm	
	Dimensions	108.0 x 46.8 x 38.0 mm		
	Weight	355 g		
Thermal Spec.	Humidity	100% Condensing		
	Operating temperature	-30 ~ +80 °C		
	Storage temperature	-40 ~ +85 °C		

Mechanical Drawing

