



# S-BAND LOW NOISE AMPLIFIER

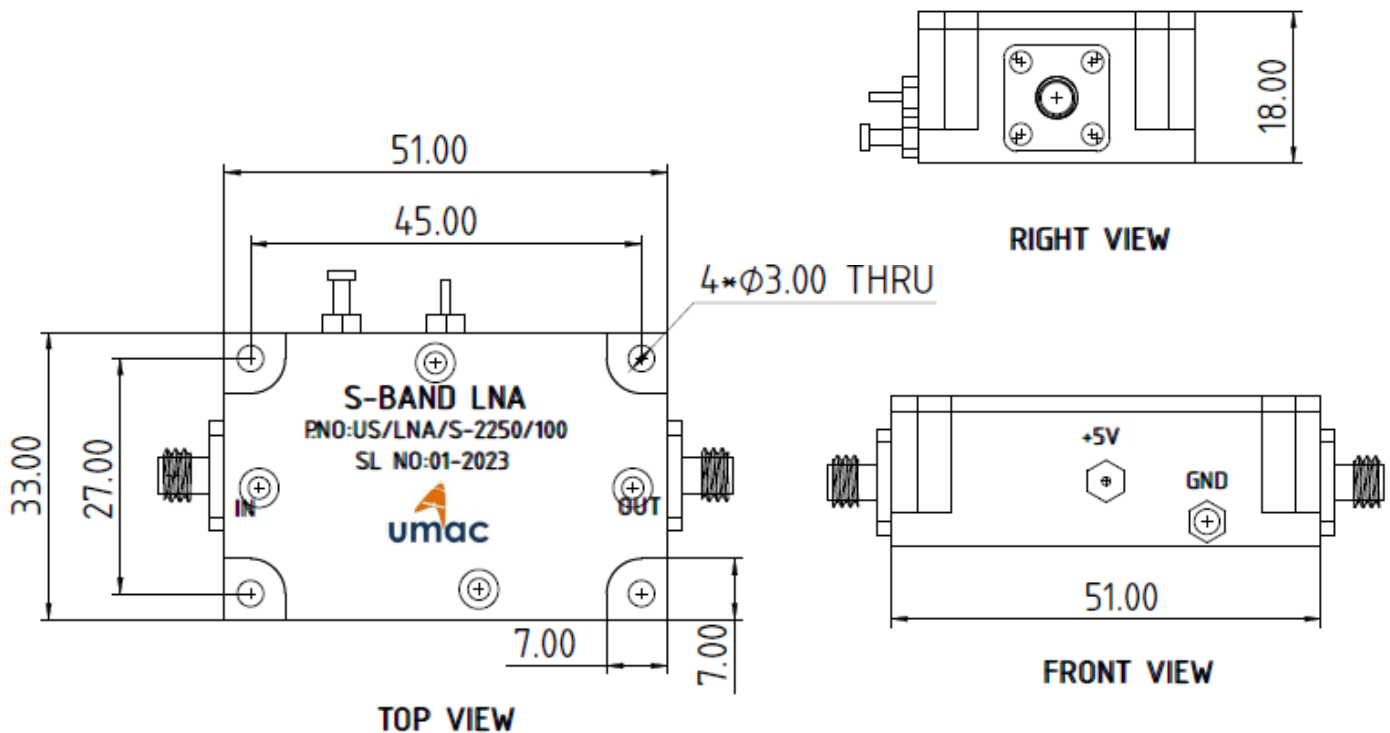
Model No: US/LNA/S-2250/100

Technical Specifications	
Frequency Range	2.2 - 2.3 GHz
Gain	20dB min.
Gain Flatness over operating frequency	+/- 0.5 dB
Input VSWR	1.5:1
Input Impedance	50 ohms
Noise Figure	< 1 dB
Output power @1dB gain compression	+ 17dBm max.
Output VSWR	1.5:1
Output Impedance	50 ohms
RF Connectors I/p & O/p	SMA (Female)
Bias Connectors	Feedthrough
Power Supply	+15 VDC
Operating Temperature	0 to +55 °C
Dimensions	51x33x18 mm approx.

## Features

- Available for S-Band Frequency
- Low Power Consumption
- An Internal Limiter
- Low Noise Figure
- Wide gain control range
- Excellent gain flatness
- Customization can be made based on the application requirement of the customer.

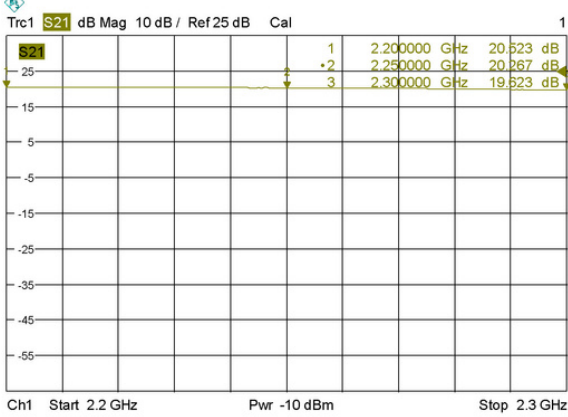
## Physical Dimensions (in mm)



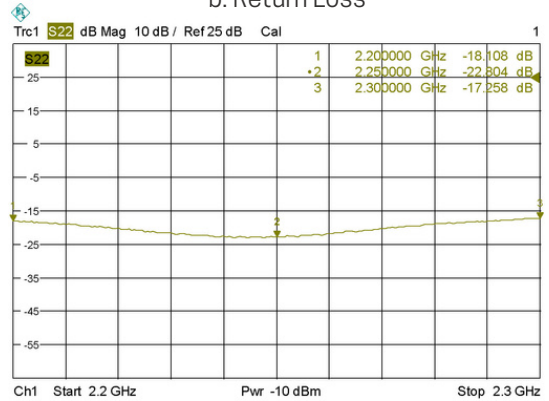
## Test Results



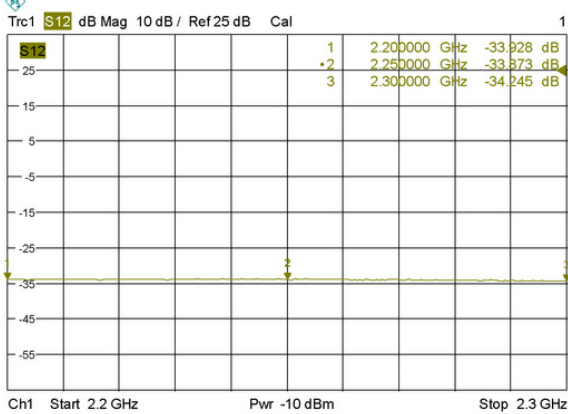
a. Gain



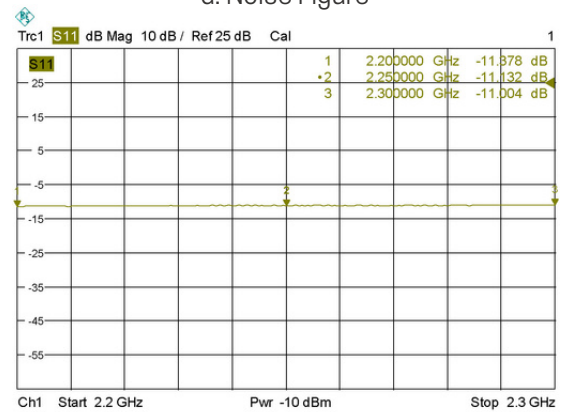
b. Return Loss



c. Isolation



d. Noise Figure



## Applications



Aerospace



Defence



Satcom



Broad Casting



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