



# LNAS10NF

## Single-Band S-Band LNA

**Band:** 2100 - 2500 MHz

**Input Connector:** N - 50 Ohm

**Output Connector:** F - 75 Ohm



### KEY SPECIFICATIONS

<b>Band</b>	S-Band
<b>Required Current</b>	300 mA

### RF SPECIFICATIONS

<b>Conversion Gain</b>	50 dB min., 60 dB typ., 65 dB max.
<b>Gain Flatness</b>	2 dB p-p
<b>Gain Ripple (At Per 36 M Hz)</b>	1 dB p-p
<b>Input Frequency</b>	S-Band: 2100 - 2500 MHz
<b>Input V S W R</b>	2.0 : 1
<b>Output P1D B</b>	+ 10 dBm
<b>Output V S W R</b>	2.0 : 1

### ELECTRICAL SPECIFICATIONS

<b>Power Connector</b>	Pin through connector
<b>Power Supply</b>	12-24 VDC

### INTERFACE SPECIFICATIONS

<b>R F Input Connector</b>	N - 50 Ohm
<b>R F Output Connector</b>	F - 75 Ohm

### ENVIRONMENTAL SPECIFICATIONS

<b>Noise Temperature</b>	45'K
<b>Temperature Operational</b>	-40 to +60°C





Weight 250 g

## PHYSICAL SPECIFICATIONS

Dimensions ( Lx Wx H) 22.6 x 45.0 x 100.0 mm

## LOGISTICS SPECIFICATIONS

HS Code	Country of Origin	ECCN Number	Shipping Package
8517690000	Made in Korea	EAR99	190 x 115 x 75 mm   250 g

## MECHANICAL DIAGRAMS

