



# LNAC10SC

## Single-Band C-Band LNA

**Band:** 4.5 - 4.8 GHz

**Output Connector:** SMA

**Power Connector:** Output connector



### KEY SPECIFICATIONS

<b>Band</b>	C-Band
<b>Input Frequency Band 1</b>	4.50 - 4.80 GHz
<b>Required Current</b>	200 mA

### RF SPECIFICATIONS

<b>Conversion Gain</b>	50 dB min., 60 dB typ., 65 dB max.
<b>Gain Flatness</b>	4 dB p-p
<b>Gain Ripple (At Per 36 M Hz)</b>	1 dB p-p
<b>Input V S W R</b>	2.2 : 1
<b>Output P1D B</b>	+ 5 dBm
<b>Output V S W R</b>	2.2 : 1

### ELECTRICAL SPECIFICATIONS

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

### INTERFACE SPECIFICATIONS

<b>Input W/ G Flange</b>	CPR 229G
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### ENVIRONMENTAL SPECIFICATIONS

<b>Noise Temperature</b>	40°K
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Temperature Operational	-40 to +60°C
Waterproofing	IP 67
Weight	630 g

## PHYSICAL SPECIFICATIONS

Dimensions ( Lx Wx H )	98.8 x 70.0 x 164.5 mm
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## LOGISTICS SPECIFICATIONS

HS Code	Country of Origin	ECCN Number	Shipping Package
8517690000	Made in Korea	EAR99	190 x 115 x 75 mm   655 g

## MECHANICAL DIAGRAMS

