

# **LNA-4000CN**

# 4000 Single-Band Ku-Band LNA

Connector: N - 50 Ohm

Norsat's LNA's provide signal reception for satellite communications around the world. We offer premium performance and reliability in the smallest form factor possible. All of our standard Ku-Band LNAs are backed by forty years of experience as the industry's leading provider of high performance LNAs. 4000 Series.



#### **KEY SPECIFICATIONS**

**Band** Ku-Band

**Input Frequency Band 1** 10.70 - 12.75 GHz

**Noise Figure** 0.8 dB max. at room temp.

### **RF SPECIFICATIONS**

**Conversion Gain** 55 dB typ., 50 dB min., 60 dB max.

Gain Flatness (Over Full Band) $\leq 4 \text{ dB p-p}$ Input V S W R2.0:1 max.Output P1D B+5 dBm min.

#### **ELECTRICAL SPECIFICATIONS**

Current Drain250 mAPower Requirements15 - 24 V

## **INTERFACE SPECIFICATIONS**

R F Input Connector WR-75 waveguide grooved

R F Output Connector N: 50 Ohm

### **ENVIRONMENTAL SPECIFICATIONS**

Humidity 0 - 95%

Temperature Operational -40 to +

Temperature Operational  $-40 \text{ to } +60 ^{\circ}\text{C}$  Temperature Storage  $-40 \text{ to } +80 ^{\circ}\text{C}$ 

**Weight** 450 g (15.87 oz)





### **PHYSICAL SPECIFICATIONS**

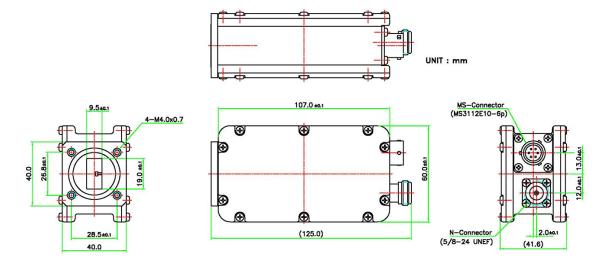
Dimensions (Lx Wx H)

125 x 60 x 43 mm

### **LOGISTICS SPECIFICATIONS**

HS Code	Country of Origin	ECCN Number	Shipping Package
8517700000	Made in Korea	EAR99	N/A   450g

### **MECHANICAL DIAGRAMS**





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