

# **LNA-8000NP**

#### 8000 Single-Band C-Band LNA

Norsat

**Connector:** N - 50 Ohm **DC Power:** DC via MS3112E10-6P

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 C-Band LNAs are backed by a 3 year warranty and nearly forty years of experience as the industry's leading provider of high performance LNAs. 8000 Series.



### **KEY SPECIFICATIONS**

Band	C-Band
Input Frequency Band 1	3.40 - 4.20 GHz
Noise Figure	30 K max. at room temp.
<b>RF SPECIFICATIONS</b>	
Conversion Gain	55 dB min., 60 dB typ., 65 dB max.
Gain Flatness (Over Full Band)	≤ 4 dB p-p
Input V S W R	2.2 : 1 max.
Output P1D B	+ 5 dBm min.
ELECTRICAL SPECIFICATIONS	
Current Drain	200 mA
Power Requirements	15 - 24 V
INTERFACE SPECIFICATIONS	
R F Input Connector	CPR 229G waveguide grooved
R F Output Connector	N: 50 Ohm
ENVIRONMENTAL SPECIFICATIONS	



Innovativ	e Com	municat	ion So	lutions
mnovanv		mumcau		IULIVIIS

Temperature Operational	-40 to +60°C
Temperature Storage	-40 to +80°C
Weight	630 g (22.2 oz)

#### **PHYSICAL SPECIFICATIONS**

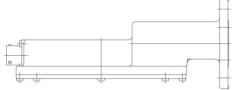
Dimensions (Lx Wx H)

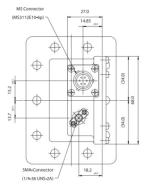
181 x 100 x 70 mm

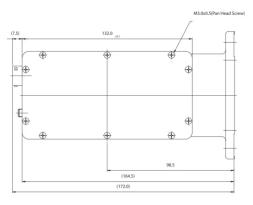
## LOGISTICS SPECIFICATIONS

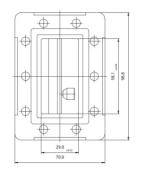
HS Code	Country of Origin	ECCN Number	Shipping Package
8517700000	Made in Korea	EAR99	N/A   N/A

#### **MECHANICAL DIAGRAMS**











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