

LNA-8000NC

8000 Single-Band C-Band LNA

Connector: N - 50 Ohm

DC Power: DC via Output Connector

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.

RF SPECIFICATIONS

Conversion Gain 55 dB min., 60 dB typ., 65 dB max.

Gain Flatness (Over Full Band) $\leq 4 \text{ dB p-p}$ Input V S W R2.2:1 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

Humidity 0 - 95%



Innovative Communication Solutions

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

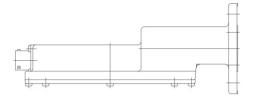
PHYSICAL SPECIFICATIONS

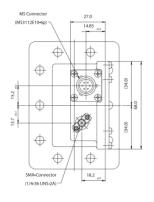
Dimensions (Lx Wx H) 181 x 100 x 70 mm

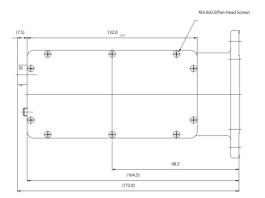
LOGISTICS SPECIFICATIONS

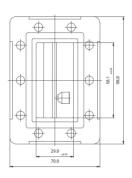
HS Code	Country of Origin	ECCN Number	Shipping Package
8517700000	Made in Korea	EAR99	N/A N/A

MECHANICAL DIAGRAMS









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