

LNA-8000SC

8000 Single-Band C-Band LNA

Connector: SMA - 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)	≤ 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	S: SMA 50 Ohm

ENVIRONMENTAL SPECIFICATIONS

Humidity



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

PHYSICAL SPECIFICATIONS

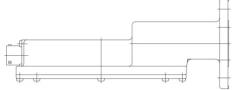
Dimensions (Lx Wx H)

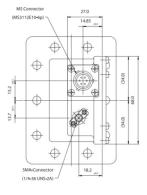
181 x 100 x 70 mm

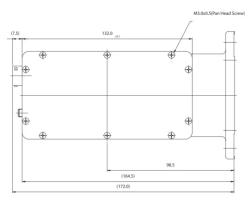
LOGISTICS SPECIFICATIONS

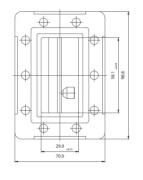
HS Code	Country of Origin	ECCN Number	Shipping Package
8517700000	Made in Korea	EAR99	N/A N/A

MECHANICAL DIAGRAMS











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