



LNA-8000SP

8000 Single-Band C-Band LNA

Connector: SMA - 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.

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	0 - 95%
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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
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LOGISTICS SPECIFICATIONS

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

MECHANICAL DIAGRAMS

