



LNA-9000CS

9000 Single-Band Ka-Band LNA

Connector: SMA - 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 Ka-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. 9000 Series.



KEY SPECIFICATIONS

Band	Ka-Band
Input Frequency Band 1	20.20 - 21.20 GHz
Noise Figure	1.5 dB max. at room temp.

RF SPECIFICATIONS

Conversion Gain	55 dB typ., 50 dB min., 62 dB max.
Gain Flatness (Over Full Band)	≤ 4 dB p-p
Input V S W R	2.2 : 1 max.
Output P1D B	+ 8 dBm min.
Output V S W R	2.2 : 1 max.

ELECTRICAL SPECIFICATIONS

Current Drain	300 mA
Power Requirements	15 - 24 V

INTERFACE SPECIFICATIONS

R F Input Connector	WR-42 waveguide grooved
R F Output Connector	S: SMA 50 Ohm

ENVIRONMENTAL SPECIFICATIONS





Temperature Operational	-40 to +60°C
Temperature Storage	-40 to +80°C
Weight	450 g (15.87 oz)

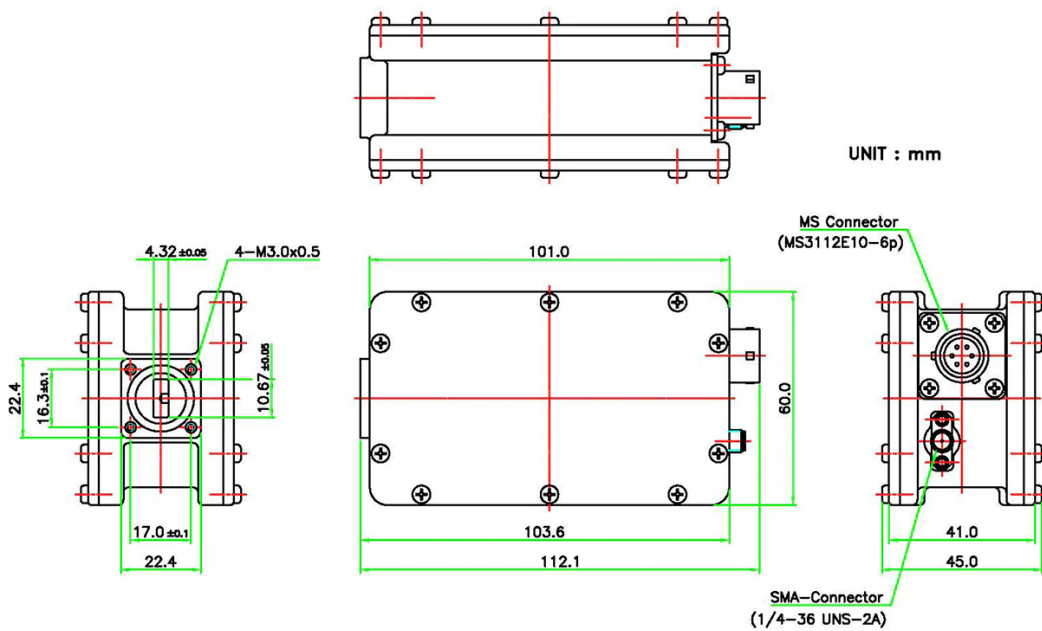
PHYSICAL SPECIFICATIONS

Dimensions (Lx Wx H)	113 x 60 x 45 mm
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LOGISTICS SPECIFICATIONS

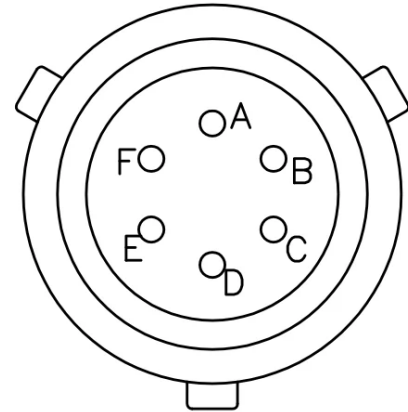
HS Code	Country of Origin	ECCN Number	Shipping Package
8517700000	Made in Korea	EAR99	145 x 95 x 65 mm 480g

MECHANICAL DIAGRAMS





Connector	Signal Name
A	Supply Voltage
B	GND
C	GND
D	NC
E	NC
F	NC



Note: Mating connector is supplied.