



Norsat
International Inc.

Innovative Communication Solutions

LNA KU-BAND 4000 SERIES

SPECIFICATIONS

Frequency	10.7 - 12.75 GHz
Noise Figure	0.8 dB max. at room temp.
Input VSWR	2.0 : 1 max.
Output VSWR	2.0 : 1 max.
Gain	55 dB typ., 50 dB min., 60 dB max.
Gain Flatness (over full band)	≤ 4 dB p-p
Output P1dB	+ 5 dBm min.



DC Power	+ 15V to + 24V DC
Via	MS3112E10-6P
Current	250 mA max.
Input (waterproof)	WR-75 waveguide grooved
Output (waterproof)	N-Connector (50 Ohm) SMA-Connector (50 Ohm)
Dimensions (L x W x H)	120 mm x 60 mm x 43 mm (4.72 in x 2.36 in x 1.70)
Weight	400 g (14.10 oz)
Operating Temperature	- 40 to + 60°C
Storage Temperature	- 40 to + 80°C

HOW TO ORDER

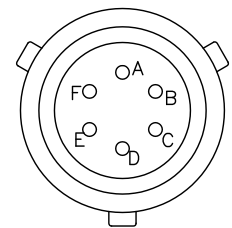
LNA-4000CS

CONNECTOR N - 50 Ohm
S - SMA 50 Ohm

LNA SERIES #

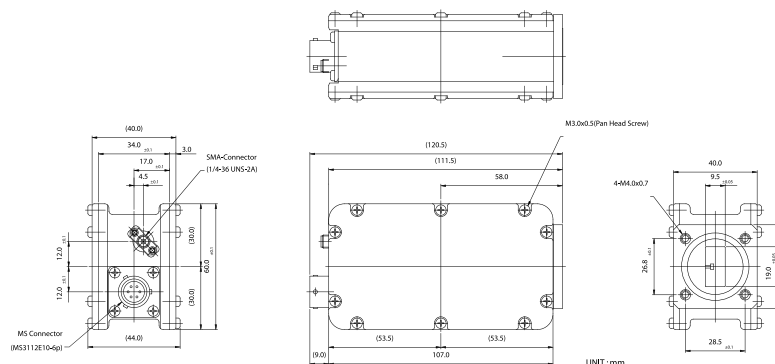
PIN-OUT

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



Note: Mating connector is supplied.

MECHANICAL DIAGRAM



Drawing No.: LNKU-XY01-R0



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