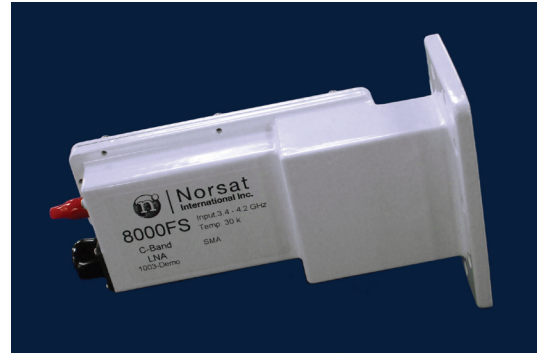




# LNA C-BAND 8000 SERIES

## SPECIFICATIONS

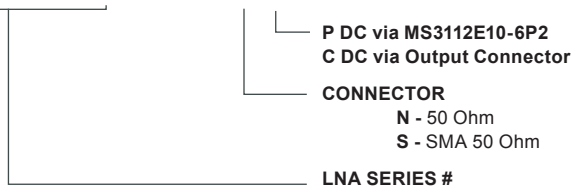
<b>Frequency</b>	3.40 - 4.20 GHz
<b>Noise Temperature</b>	30K max. at room temp.
<b>Input VSWR</b>	2.2 : 1 max.
<b>Output VSWR</b>	2.2 : 1 max.
<b>Gain</b>	60 dB typ., 55 dB min., 65 dB max.
<b>Gain Flatness (over full band)</b>	≤ 4 dB p-p
<b>Output P1dB</b>	+ 5 dBm min.



<b>DC Power</b>	+ 15V to + 24V DC
<b>Via</b>	MS3112E10-6P Output Connector
<b>Current</b>	150 mA max.
<b>Input (waterproof)</b>	CPR-229G waveguide grooved
<b>Output (waterproof)</b>	N-Connector (50 Ohm) SMA-Connector (50 Ohm)
<b>Dimensions (L x W x H)</b>	180 mm x 100 mm x 70 mm (7.08 in x 3.94 in x 2.75)
<b>Weight</b>	425 g (15.00 oz)
<b>Operating Temperature</b>	- 40 to + 60°C
<b>Storage Temperature</b>	- 40 to + 80°C

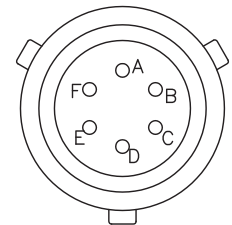
## HOW TO ORDER

# LNA-8000SP



## 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

