



# LNA

## KA-BAND

## 9000 SERIES

### SPECIFICATIONS

<b>Frequency</b>	20.20 - 21.20 GHz
<b>Noise Figure</b>	1.5 dB max. at room temp.
<b>Input VSWR</b>	2.2 : 1 max.
<b>Output VSWR</b>	2.2 : 1 max.
<b>Gain</b>	55 dB typ., 50 dB min., 62 dB max.
<b>Gain Flatness (over full band)</b>	≤ 4 dB p-p
<b>Output P1dB</b>	+ 8 dBm min.



<b>DC Power</b>	+ 15V to + 24V DC
<b>Via</b>	MS3112E10-6P
<b>Current</b>	300 mA max.
<b>Input (waterproof)</b>	WR-42 waveguide grooved
<b>Output (waterproof)</b>	SMA-Connector (50 Ohm)
<b>Dimensions (L x W x H)</b>	113 mm x 60 mm x 45 mm (4.45 in x 2.36 in x 1.77 in)
<b>Weight</b>	450 g (15.87 oz)
<b>Operating Temperature</b>	- 40 to + 60°C
<b>Storage Temperature</b>	- 40 to + 80°C

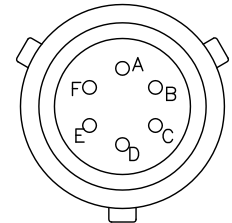
### HOW TO ORDER

## LNA-9000CS

CONNECTOR 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

