



# LNA

## X-BAND

## X1000 SERIES



### SPECIFICATIONS

<b>Frequency</b>	7.25 - 7.75 GHz
<b>Noise Figure</b>	0.8 dB max. at room temp.
<b>Input VSWR</b>	2.0 : 1 max.
<b>Output VSWR</b>	2.2 : 1 max.
<b>Gain</b>	55 dB typ., 45 dB min., 62 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
<b>Current</b>	150 mA max.
<b>Input (waterproof)</b>	CPR-112G waveguide grooved
<b>Output (waterproof)</b>	N-Connector (50 Ohm) SMA-Connector (50 Ohm)
<b>Dimensions (L x W x H)</b>	106 mm x 77 mm x 47 mm (4.17 in x 3.03 in x 1.85)
<b>Weight</b>	550 g (19.40 oz)
<b>Operating Temperature</b>	- 40 to + 70°C
<b>Storage Temperature</b>	- 50 to + 80°C

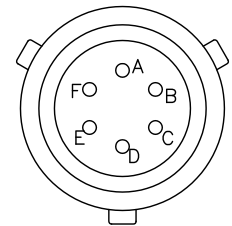
### HOW TO ORDER

## LNA-X1000S



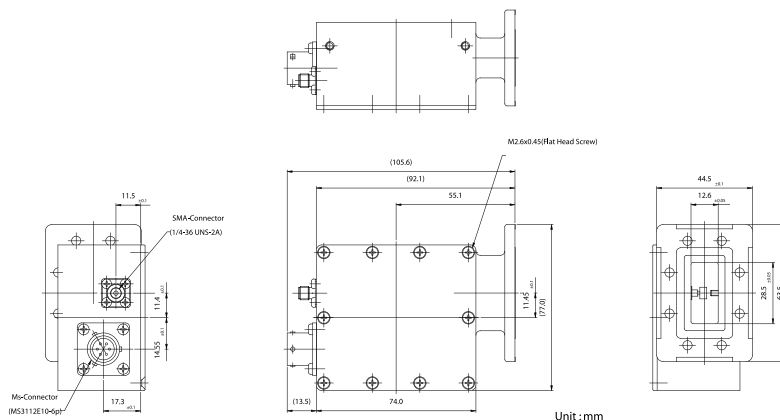
### PIN-OUT

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



Note: Mating connector is supplied.

### MECHANICAL DIAGRAM



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