



LNA X-BAND X1000 SERIES

SPECIFICATIONS

Frequency	7.25 - 7.75 GHz
Noise Figure	0.8 dB max. at room temp.
Input VSWR	2.0 : 1 max.
Output VSWR	2.2 : 1 max.
Gain	55 dB typ., 50 dB min., 62 dB max.
Gain Flatness (over full band)	≤ 4 dB p-p
Output P1dB	+ 5 dBm min.



DC Power	Via	+ 15V to + 24V DC MS3112E10-6P
Current		300 mA max.
Input (waterproof)		CPR-112G waveguide grooved
Output (waterproof)		N-Connector (50 Ohm) SMA-Connector (50 Ohm)
Dimensions (L x W x H)		106 mm x 77 mm x 47 mm (4.17 in x 3.03 in x 1.85)
Weight		550 g (19.40 oz)
Operating Temperature		- 30 to + 60°C
Storage Temperature		- 40 to + 70°C

HOW TO ORDER

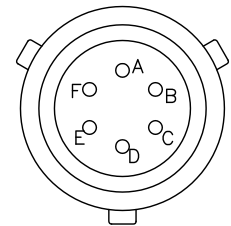
LNA-X1000S

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

