

# LNAL20NF

## Single-Band L-Band LNA

**Band:** 1150 - 1650 MHz **Input Connector:** N - 50 Ohm **Output Connector:** F - 75 Ohm



#### **KEY SPECIFICATIONS**

| Band             | L-Band |
|------------------|--------|
| Required Current | 300 mA |

#### **RF SPECIFICATIONS**

| Conversion Gain              | 50 dB min., 60 dB typ., 65 dB max. |
|------------------------------|------------------------------------|
| Gain Flatness                | 2 dB p-p                           |
| Gain Ripple (At Per 36 M Hz) | 1 dB p-p                           |
| Input Frequency              | L-Band: 1150 - 1650 MHz            |
| Input V S W R                | 2.0 : 1                            |
| Output P1D B                 | + 10 dBm                           |
| Output V S W R               | 2.0 : 1                            |

### **ELECTRICAL SPECIFICATIONS**

| Power Connector          | Pin through connector |
|--------------------------|-----------------------|
| Power Supply             | 12-24 VDC             |
| INTERFACE SPECIFICATIONS |                       |
| R F Input Connector      | N - 50 Ohm            |
| R F Output Connector     | F - 75 Ohm            |

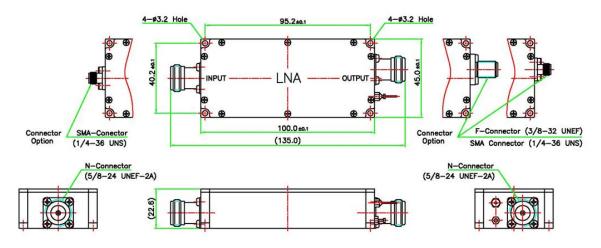
### **ENVIRONMENTAL SPECIFICATIONS**

| Noise Temperature       | 45'K         |
|-------------------------|--------------|
| Temperature Operational | -40 to +60°C |



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| Weight                  |                   | 250 g                  | 250 g                     |  |  |
|-------------------------|-------------------|------------------------|---------------------------|--|--|
| PHYSICAL SPECIFICATIONS |                   |                        |                           |  |  |
| Dimensions ( Lx Wx H)   |                   | 22.6 x 45.0 x 100.0 mm |                           |  |  |
| LOGISTICS SP            | PECIFICATIONS     |                        |                           |  |  |
| HS Code                 | Country of Origin | ECCN Number            | Shipping Package          |  |  |
| 8517690000              | Made in Korea     | EAR99                  | 190 x 115 x 75 mm   250 g |  |  |
|                         |                   |                        |                           |  |  |



Unit : mm



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