



LNAS10NS

Single-Band S-Band LNA

Band: 2100 - 2500 MHz

Input Connector: N - 50 Ohm

Input Connector: SMA



KEY SPECIFICATIONS

| | |
|-------------------------|--------|
| Band | S-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 | S-Band: 2100 - 2500 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 | SMA |

ENVIRONMENTAL SPECIFICATIONS

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





Weight 250 g

PHYSICAL SPECIFICATIONS

Dimensions (Lx Wx H) 22.6 x 45.0 x 100.0 mm

LOGISTICS SPECIFICATIONS

| HS Code | Country of Origin | ECCN Number | Shipping Package |
|------------|-------------------|-------------|---------------------------|
| 8517690000 | Made in Korea | EAR99 | 190 x 115 x 75 mm 250 g |

MECHANICAL DIAGRAMS

