

Data Sheet

LNA 600

Art.Nr.: 1010-NF



The preamplifiers of the LNA series are designed for amplification of low-level receiving signals with a very good signal to noise ratio. Band pass filters at the output are reducing signal levels from out-of-band signals. To guarantee a constant quality, each device is measured, aligned, fine aligned and checked by a 100% final inspection.

Connection instructions

Protect the inputs and output of the preamplifier against static voltages and HF! Higher power at these connections may damage the unit. Before connecting an antenna cable a possibly existing static voltage should be unloaded by a short between inner and outer conductor. Connection sequence: Receiver, antenna, power supply.

Technical Data

| | |
|----------------------|-----------------|
| Frequency range: | 50- 52 MHz |
| Noise figure @ 20°C: | 0.25 +/-0,05 dB |
| Amplification, typ.: | 24 dB |
| Input level max | 10 dBm |
| Operating voltage: | 8V - 14V |
| Current consumption: | 60 mA |
| Connection standard: | N – socket |
| OIP3: | 23,0 dB |
| Housing size: | 74x56x30 mm |
| Weight: | 150 g |

Use shielded cables for the power supply for lengths exceeding 1m. The shielding should be connected with 0V supply ground. Unshielded cables may act as antennas and cause damage by static voltages!



Notes on environmental protection



Electrical and electronic devices may not be disposed of with household waste. This must be handed in separately at collecting points, or returned to the point of sale.

■ Packaging materials must be separated and disposed of through the municipal waste by material type.

Declaration of Conformity



The CE mark is a free trade mark. It does not guarantee any product features. The product does apply to all relevant regulations within the scope of

94/62/EG.

Maintenance

Do not open the unit. It does not contain any parts needing maintenance. If you need help regarding technical matters, please contact our team:
technik@ssb-electronic.de

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Safety, Warranty

Not suitable for children. The packaging material and the device may contain small parts which may be swallowed. Repairs may only be performed by qualified personnel., Opening the device, or improper use will void any warranty claims. No guarantee will be given. The device applies to the Low Voltage Directive 2006/95/EG, as well as to 2004/108/EG, 2002/96/EG, 1999/44/ EG.

Manufacturer:

SSB-Electronic GmbH

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