

Data Sheet



WL 2400-1 / Art. No.: 9551



The WL2400-1 is a robust WLAN amplifier for civil applications, producing an output power of 1 Watt with a transmit amplification of typ. 15 dB.

The receiving amplifier uses a PHEMT which ensures a low noise figure of only 3.2 dB with a high amplification of 14 dB. To avoid interference from neighbour transmitters the receiving amplifier is equipped with a dielectric filter.

A Bias-T is part of the delivery.

Technical Data

| | |
|-------------------------------|---------------|
| Frequency range | 2400-2480 MHz |
| Noise figure | 3.2 dB |
| Receive amplification | 14 dB |
| Output power max. | 1 Watt |
| Transmit amplification max. | 15 dB |
| Operating voltage | 12 - 14 V |
| Current consumption, receive | 0.1 A |
| Current consumption, transmit | 0.6 A |
| Weight | 0.5 kg |
| Connection norm | N - socket |

Beware!

Due to exceeding the allowed limits the system must not be operated on channel 1 (middle frequency 2412 MHz) or on channel 13 (middle frequency 2472 MHz)!

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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Installation hints

The antenna has to be connected to the input of the amplifier via a low-loss cable, as short as possible. We recommend **ECOFLEX 10**.

From the amplifier (socket **Bias-T**) a cable leads to the included DC-Injector (socket **Amplifier**). The DC-Injector (socket **Card**) has to be connected to the wireless card or bridge via a short piece of cable (Pigtail).

To operate the WL 2400-1 a stabilized 12 V power supply is needed. It should deliver a permanent current of min. 3 A. Connect the red cable to the Plus pole (+) of the power supply, the black cable to the Minus pole (-). For safety reasons, a reverse polarity protection is built-in!

Disposal of your old appliance



This product is covered by the European Community directive 2002/96/EC. 2.

All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or by the local

authorities. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and the human health.

For more detailed information about the disposal of your old appliance, please consult your city office, waste disposal service or the shop where you purchased the product.

Within Germany, the above regulations are also valid for the disposal of batteries and accumulators accordingly.

Declaration of Conformity



Herewith we declare that this product complies with all relevant regulations for the product within the guidelines 73/23/EWG, 89/336/EWG and 99/5/EG of the Council:

EN 300 328-1 V1.3.1. (2001-12) (in part)

EN 300 328-2 (in part)

EN 301 489-1 V1.2.1 (2002-08)

EN 301 489-17 V1.2.1 (2002-08)

EN 60950 (electrical safety)

Manufacturer:

SSB Electronic GmbH
Ostenfeldmark 21
59557 Lippstadt

Contact:

E-Mail: technik@ssb-electronic.de
Telephone: +49(0)2941 – 93385 - 0