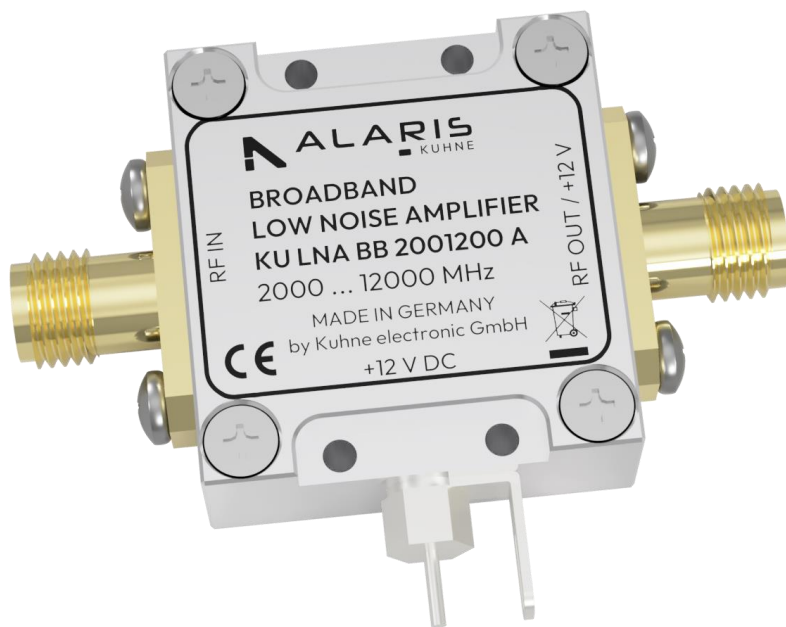


V1.0

KU LNA BB 2001200 A



Manual

Directors: Ian Duke/Gustav Wenhold
Reg no: HRB 3350 Hof, VAT-ID-No: DE 813343044, WEEEReg.-Nr. DE34186665

Kuhne electronic GmbH
Scheibenacker 3, 95180 Berg
Germany

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THE RF TECHNOLOGY GROUP



Specification

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Type **KU LNA BB 2001200 A**

Frequency range 2000 ... 12000 MHz
 Noise figure @ 18 °C typ. 2 dB; max. 2.6 dB (2000 ... 8000 MHz)
 typ. 2.5 dB; max. 3 dB (8000 ... 12000 MHz)

Gain
 Small signal typ. 30 dB; min. 28 dB

Output power
 P1dB typ. +13 dBm (2000 ... 8000 MHz)
 typ. +7 dBm (8000 ... 12000 MHz)
 OIP3 typ. +18 dBm (2000 ... 8000 MHz)
 typ. +10 dBm (8000 ... 12000 MHz)

S-Parameter
 Input return loss (S11) typ. 10 dB

Operating parameters
 Supply voltage +8 ... 14 V DC
 Current consumption typ. 100 mA

Mechanics
 Input connector / impedance SMA-female, 50 ohms
 Output connector / impedance SMA-female, 50 ohms
 Case milled aluminium
 Dimensions (mm) 23 x 24.5 x 9 mm
 Weight typ. 15 g

Absolute ratings
 Maximum RF input power max. 0 dBm
 Operating temperature range -20 ... +55 °C

Static sensitive product!

Features:

- Large bandwidth
- Remote power supply via RF output connector
- Reverse polarity protection
- Solder pin for direct power supply
- Small mechanical dimensions

Applications:

- Analog and digital transmission systems
- Measurement and laboratory equipment

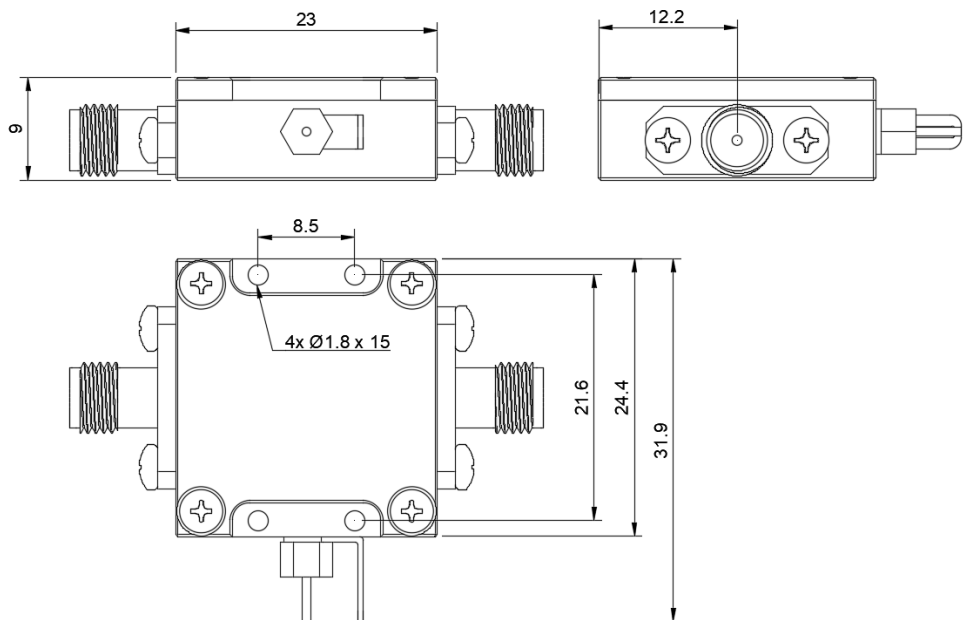
Fulfilled Standards:

- EMC directive 2014/30/EU
- Low voltage directive 2014/35/EU
- RoHS directive 2011/65/EU



Additional protection against moisture is essential in case of outdoor installation.
 Installation in a waterproof case is recommended.

Dimensions / Mounting holes (mm)





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Notes

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