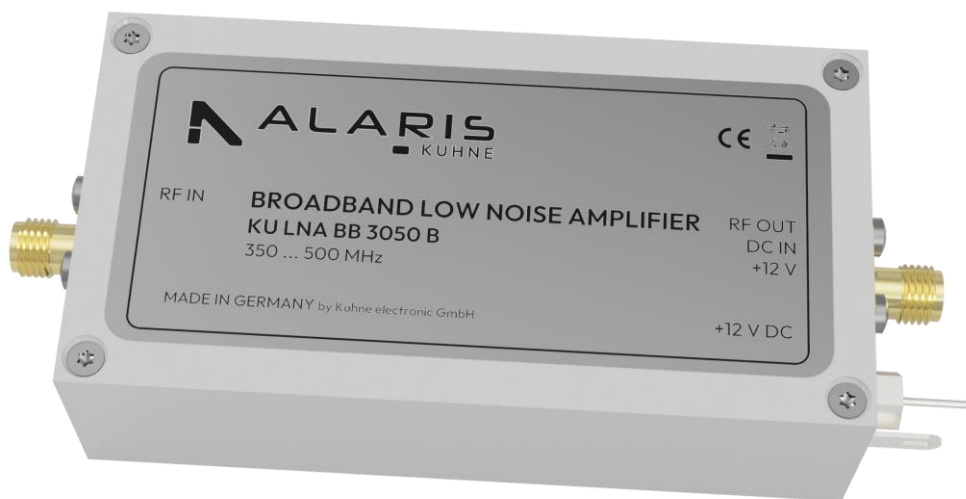


KU LNA BB 3050 B



Manual

Specification

Type	KU LNA BB 3050 B
Frequency range	350 ... 500 MHz
Noise figure @ 18 °C	typ. 1.2 dB, max. 1.3 dB
Gain	min. 20 dB, typ. 24 dB
Output power	
Output power P1dB	typ. +28 dBm / typ. 630 mW
Output IP3 @ 1500 MHz	typ. +40 dBm
S-Parameter	
Input return loss (S11)	typ. 20 dB
Output return loss (S22)	typ. 13 dB
Operating parameters	
Supply voltage	+12 ... 15 V DC
Current consumption	typ. 400 mA
Mechanics	
Input connector / impedance	SMA-female, 50 ohms
Output connector / impedance	SMA-female, 50 ohms
Case	milled aluminium
Dimensions (mm)	78 x 41 x 22
Weight	typ. 100 g
Absolute ratings	
Maximum RF input power	100 mW
Operating case temperature range	-20 ... +65 °C

The low noise amplifier KU LNA BB 3050 B provides excellent large signal performance. Even strong signals can be handled without interference problems. The saturation power of the amplifier reaches more than 1 watt, so the amplifier can also be used for low power applications or as a driver amplifier.

Applications:

- Analog and digital transmission systems
- Suitable for large signal environments
- Amplifier for low power applications
- Driver amplifier

Features:

- Low noise figure
- Large bandwidth
- High IP3 and high output power
- Very good input return loss (S11)
- Static protection (ESD) at preamplifier input
- Overvoltage protection and reverse polarity protection
- Remote power supply via output connector
- Solder pin for direct power supply

Static sensitive product!

Case should be mounted on heat sink or chassis!

Additional protection against moisture is essential in case of outdoor installation.

Installation in a waterproof case is recommended!

Please note: No built-in coaxial relays!

Products are only to be sold to processing companies or radio amateurs with a licence.

For operating high frequency modules legal instructions must be followed.

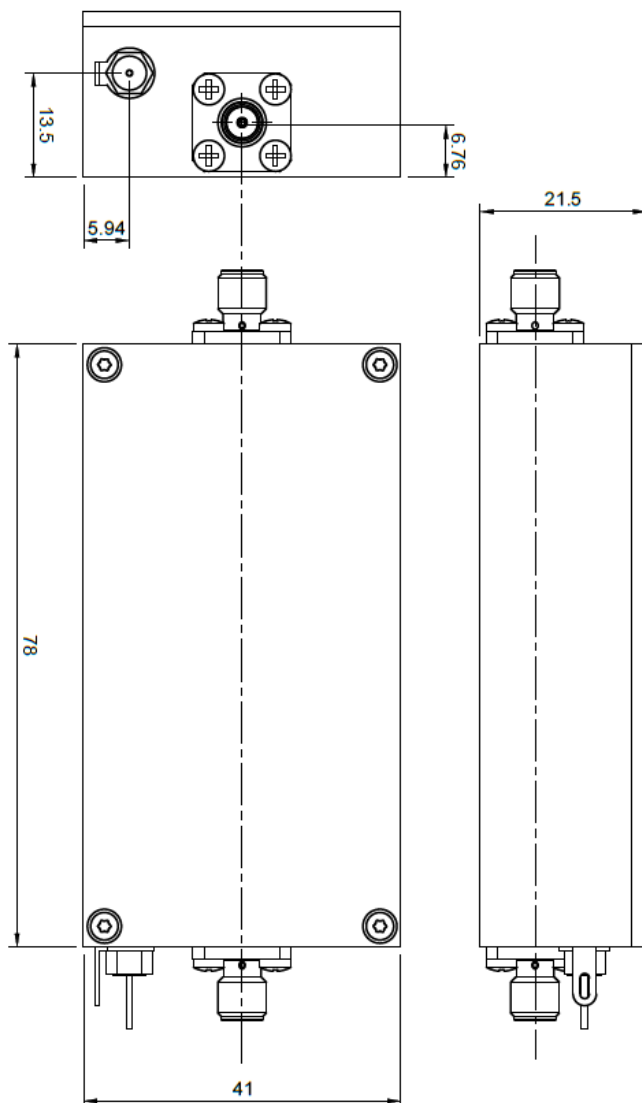
CE Conformity

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





Dimensions





ALARIS
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