

Low Noise Broadband Amplifier KU LNA BB 0515-4 B N-TM

Produktinformationen/ Product Information

Dieser rauscharme Breitbandverstärker für den Frequenzbereich von 5...1500 MHz erreicht eine Rauschzahl von max. 2,0 dB bei einer Verstärkung von 20...22 dB.

This low noise broad band amplifier is designed to cover the frequency range from 5...1500 MHz with a gain of 20...22 dB. The noise figure is max. 2.0 dB.

Specifications:

Frequency range	5 ... 1500 MHz
Noise figure @ 18 °C	typ. 1.2 dB, max. 2.0 dB (30 ... 1500 MHz)
Gain	typ. 22 dB, min. 20 dB
Input power	max. 10 mW
Input return loss (S11)	min. 6 dB, typ. 10 dB (30 MHz ... 1500 MHz)
Output IP3	typ. +37 dBm
Supply voltage	+12 ... 14 V DC
Current consumption	typ. 140 mA
Operating case temp. range	-40 ... +85°C
Input connector / impedance	N-female, 50 ohms
Output connector / impedance	N-female, 50 ohms
DC connector	Circular 3-Pin Connector
Case	water resistant case
Dimensions (mm)	115 x 56 x 82
Weight	typ. 300 g

! Static sensitive product !

Applications:

- Analog and digital transmission systems
- Measurement equipment

Features:

- Large bandwidth
- Reverse polarity protection

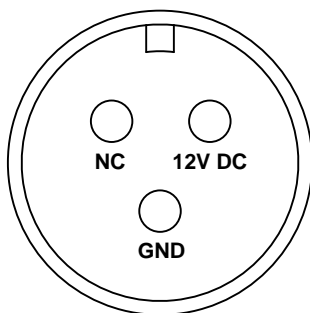
CE Conformity:

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

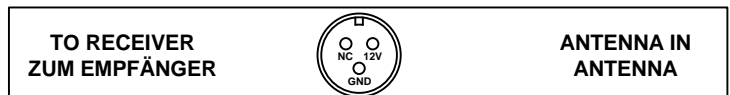


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Pin Assignment – DC Connector:



Terminal Assignment:



Sig.: _____ QS: _____

Für den Betrieb der Hochfrequenzmodule sind die entsprechenden gesetzlichen Vorschriften zu beachten. Diese Erzeugnisse dürfen nur an weiterverarbeitende Betriebe oder lizenzierte Funkamateure verkauft werden.

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.