

KU LNA BB 3000 A, Low Noise Broadband Amplifier

10 ... 3000 MHz

analog & digital transmission systems test equipment



Description

This low noise broad band amplifier is designed to cover the frequency range from 10...3000 MHz with a gain of 25...30 dB. The noise figure is max. 2.5 dB.

Features

- Large bandwidth
- Solder pin for direct power supply
- Reverse polarity protection
- Small mechanical dimensions

Applications

- Analog and digital transmission systems
- Measurement and laboratory equipment

Important notes

- Amplifier does not contain a coaxial relay!
- Maximum input power 1 mW

Technical specifications:

Frequency range	10..3000 MHz
Noise figure @ 18 °C	typ. 1.5 dB, max 2.5 dB
Gain	25 ... 30 dB
Maximum input power	1 mW
RF input protection	PIN diodes
Output IP3	min. +26 dBm, typ. +30 dBm
Supply voltage	+12 ... 15 V DC
Current consumption	typ. 150 mA
Operating case temp. range	-40 ... +85°C
Input connector / impedance	SMA-female, 50 ohms
Output connector / impedance	SMA-female, 50 ohms
Case	milled aluminium
Dimensions (mm)	50 x 30 x 17
Weight	45 g (typ.)