

KU LNA 133 BH, Super Low Noise Amplifier

1200 ... 1400 MHz



Features

- Low noise figure
- High gain
- Reverse polarity protection
- Very good input return loss (S11)
- Solder pin for direct power supply
- Remote power supply via output connector

Applications

- Analog and digital transmission systems
- Measurement and laboratory equipment
- Radar receiving systems

Important notes

- Maximum input power 1 mW

Technical specifications:

Frequency range	1200..1400 MHz
Noise figure @ 18 °C	typ. 0.7 dB, max. 0.8 dB
Gain	min. 30 dB
Maximum input power	1 mW
Output IP3	typ. +29 dBm
Input return loss (S11)	min. 15 dB
Output return loss (S22)	min. 10 dB
Supply voltage	+12 V DC
Current consumption	typ. 100 mA
Operating case temp. range	-40 ... +65 °C
Input connector / impedance	SMA-female, 50 ohms
Output connector / impedance	SMA-female, 50 ohms
Case	milled aluminium
Dimensions (mm)	73 x 30 x 20
Weight	80 g (typ.)