

KU LNA 4450 B, Super Low Noise Amplifier

4400 ... 5000 MHz



Features

- Low noise figure
- High gain
- High IP3
- Reverse polarity protection
- Small mechanical dimensions
- Solder pin for direct power supply
- Remote power supply via output connector

Applications

- Analog and digital transmission systems
- Measurement and laboratory equipment

Important note

- Maximum input power 1 mW

Technical specifications:

Frequency range	4400..5000 MHz
Noise figure @ 18 °C	typ. 1,0 dB
Gain	typ. 28 dB
Maximum input power	1 mW
Output power (P1dB)	typ. 25 mW (+14 dBm)
Output IP3	typ. 24 dBm
Input return loss (S11)	typ. 6 dB
Output return loss (S22)	typ. 9 dB
Supply voltage	+6 ... 14 V DC
Current consumption	typ. 90 mA
Operating case temp. range	-20 ... +55 °C
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
Weight	15 g (typ.)