

KU LNA 4450 A, Super Low Noise Amplifier

4400 ... 5000 MHz

Preliminary data!



Features

- Low noise figure
- High gain
- Reverse polarity protection
- Solder pin for direct power supply

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. 0.8 dB, max. 0.9 dB NF
Gain	min. 24 dB
Maximum input power	1 mW
Output power (P1dB)	typ. 20 mW (+13 dBm)
Output IP3	typ. +23 dBm (4750 MHz)
Input return loss (S11)	min. 6 dB
Output return loss (S22)	min. 9 dB
Supply voltage	+8 ... 14 V DC
Current consumption	typ. 110 mA
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	40 g (typ.)