

KU LNA 4450 A-TM, Super Low Noise Amplifier

4400 ... 5000 MHz



Features

- Low noise figure
- High gain
- Reverse polarity protection

Applications

- Analog and digital transmission systems
- Measurement and laboratory equipment

Important notes

- Maximum input power 1 mW
- Mating connector type is Amphenol MS3106E10SL-3S, not part of delivery

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
Operating case temp. range	-40 ... +85°C
Input connector / impedance	N-female, 50 ohms
Output connector / impedance	N-female, 50 ohms
Case	Case incl. V2A mounting clamp, IP43
Dimensions (mm)	115 x 56 x 82
Feature	Remote power supply via RF output
Feature 2	3-pin connector MS3102E series for power supply