

KU LNA 24002600 A, Super Low Noise Amplifier 24000 ... 26000 MHz

Analog & digital transmission systems



Features

- Reverse polarity protection
- Small mechanical dimensions
- 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	24000..26000 MHz
Noise figure @ 18 °C	typ. 2.5 dB NF, max. 2.8 dB NF
Gain	typ. 23 dB, min. 22 dB
Maximum input power	1 mW
Output power (P1dB)	min. 5 mW
Input return loss (S11)	min. 10 dB
Output return loss (S22)	min. 8 dB
Supply voltage	+9 ... 15 V DC
Current consumption	typ. 70 ... 90 mA
Ambient temperature	-20 ... +65 °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	50 g (typ.)