

KU LNA 222 AH, Super Low Noise Amplifier

2200 ... 2400 MHz

Satellitenbodenstation Analoge & Digitale Übertragungssysteme



Features

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

Applications

- Analog and digital transmission systems
- Measurement and laboratory equipment

Important notes

- Amplifier does not contain a coaxial relay!
- Maximum input power 1 mW

Technical specifications:

Frequency range	2200..2400 MHz
Noise figure @ 18 °C	typ. 0.5 dB, max. 0.6 dB NF
Gain	typ. 30 dB
Maximum input power	1 mW
Output IP3	typ. +27 dBm
Supply voltage	+9 ... 15 V DC
Current consumption	typ. 80 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	90 g (typ.)