

MKU LNA 243 CS2, Super Low Noise Preamplifier 24000 ... 24250 MHz



Description

Our HEMT amplifiers for 24 GHz use the latest semiconductor technologies. Due to its small mechanical dimensions, the module can be used for building very compact receive or transmit systems.

Features

- Low noise figure
- Unconditionally stable - no parasitic oscillations in case of poor antenna match
- Milled aluminium case
- Small mechanical dimensions

Important notes

- The preamplifier does not contain built-in coaxial relays!
- Maximum input power 1 mW

Technical specifications:

Frequency range	24000..24250 MHz
Noise figure @ 18 °C	typ. 2.0 dB, max. 2.3 dB
Gain	min. 24 dB
Maximum input power	1 mW
Output power (Psat)	typ. 10 mW (+10 dBm)
Supply voltage	+9 ... 15 V DC
Current consumption	typ. 60 mA
Operating case temp. range	-20 ... +65°C
Input connector / impedance	SMA-male, 50 ohms
Output connector / impedance	SMA-female, 50 ohms
Case	milled aluminium
Dimensions (mm)	50 x 30 x 17
Weight	40 g (typ.)