

### MKU LNA 232 AH, Super Low Noise Preamplifier 2304 ... 2322 MHz

Super Low Noise Preamplifier for DX and EME



#### Description

For many years, this super low noise microwave preamplifier has been used very successful. Many results of Ham Radio Contests proof that! Due to an extremely low noise figure the preamplifier is ideal for tropo DX, EME (earth moon earth operation) and for receiving satellites.

#### Features

- Extremely low noise figure
- High IP3 for good large signal performance
- Unconditionally stable - no parasitic oscillations in case of poor antenna match
- Reverse polarity protection
- Solder pin for direct power supply
- Male connector at the input for direct connection to antenna or coaxial relay
- Small mechanical dimensions
- Remote power supply via output connector

#### Applications

- Extremely low noise figure
- High IP3 for good large signal performance
- Unconditionally stable - no parasitic oscillations in case of poor antenna match
- Reverse polarity protection
- Solder pin for direct power supply
- Male connector at the input for direct connection to antenna or coaxial relay
- Small mechanical dimensions
- Remote power supply via output connector

#### Important notes

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

#### Technical specifications:

Frequency range	2304..2322 MHz
Noise figure @ 18 °C	typ. 0.5 dB
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	-20 ... +65°C
Input connector / impedance	N-male, 50 ohms
Output connector / impedance	N-female, 50 ohms
Case	milled aluminium

Dimensions (mm)	73 x 30 x 22
Weight	140 g (typ.)