

### MKU LNA 231 AH, Super Low Noise Preampfier 2304 ... 2322 MHz

Super Low Noise Preampfier for DX and EME



#### Description

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

#### Features

- Extremely low noise figure
- 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

#### Applications

- Amateur Radio
- EME, Tropo DX, satellite reception
- Analog and digital operation modes (SSB, CW, WSJT)

#### 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. 0.4 dB       |
| Gain                         | typ. 16 dB        |
| Maximum input power          | 1 mW              |
| Supply voltage               | +9 ... 15 V DC    |
| Current consumption          | typ. 15 mA        |
| Input connector / impedance  | N-male, 50 ohms   |
| Output connector / impedance | N-female, 50 ohms |
| Case                         | milled aluminium  |
| Dimensions (mm)              | 50 x 30 x 22      |
| Weight                       | 110 g (typ.)      |