

## MKU LNA 132 AH, Super Low Noise Preamplifier 1296 MHz

Super Low Noise Preamplifier for DX and EME



### Description

For many years, our super low noise microwave preamplifier has been used very successful. Many results of Ham Radio Contests proof that! Due to a 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
- Good input return loss (low VSWR)
- Unconditionally stable - no parasitic oscillations in case of poor antenna match
- Professional milled aluminium case
- Small mechanical dimensions
- Male connector at the input for direct connection to antenna or coaxial relay
- High IP3 for good large signal performance
- Remote power supply via output connector

### Important notes

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

### Technical specifications:

|                              |                   |
|------------------------------|-------------------|
| Frequency range              | 1246..1346 MHz    |
| Noise figure @ 18 °C         | 0.4 dB +/- 0,05   |
| Gain                         | typ. 33 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.)      |