

MKU LNA 132 AH SMA, Low Noise Amplifier
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 | SMA-male, 50 ohms |
| Output connector / impedance | SMA-female, 50 ohms |
| Case | milled aluminium |
| Dimensions (mm) | 73 x 30 x 20 |
| Weight | 140 g (typ.) |