

## 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.)