

MKU LNA 131 AH, Super low noise preamplifier 1296 MHz

Super Low Noise HEMT 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

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. 20 dB
Maximum input power	1 mW
Supply voltage	+9 ... 15 V DC
Current consumption	typ. 15 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)	50 x 30 x 22
Weight	100 g (typ.)