

### KU LNA 3436 C, Super Low Noise Amplifier

3400 ... 3600 MHz

analog & digital transmission systems   DVB-T   DVB-S   COFDM



#### Description

The low noise preamplifier KU LNA 3436 C was developed for applications in the frequency range from 3.4 to 3.6 GHz. As example for analog or digital directional radio links with DVBT-DVBS-COFDM and QPSK modulation. A high stimulus capability and simultaneously a low noise figure makes the preamplifier for many applications usable.

#### Features

- Extremely low noise figure
- Unconditionally stable - no parasitic oscillations in case of poor antenna match
- Professional milled aluminium case
- Small mechanical dimensions
- High IP3 for good large signal performance

#### Important notes

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

#### Technical specifications:

Frequency range	3400..3600 MHz
Noise figure @ 18 °C	typ. 0.7 dB, max. 0.8 dB
Gain	typ. 24 dB
Maximum input power	1 mW
Supply voltage	+9 ... 15 V DC
Current consumption	typ. 80 mA
Input connector / impedance	SMA-female, 50 ohms
Output connector / impedance	SMA-female, 50 ohms
Case	milled aluminium
Dimensions (mm)	73 x 30 x 20
Weight	75 g (typ.)