

KU LNA 8000 B WG, Super Low Noise Amplifier

8000 ... 8450 MHz

Super Low Noise Amplifier for Satellite Reception



Features

- Extremely low noise figure
- Reverse polarity protection
- Unconditionally stable. No parasitic oscillations in case of poor antenna match
- Milled aluminium case

Applications

- Deep space communications

Important notes

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

Technical specifications:

Frequency range	8000..8450 MHz
Noise figure @ 18 °C	typ. 0.8 dB
Gain	typ. 32 dB
Maximum input power	1 mW
Input return loss (S11)	typ. 10 dB
Supply voltage	+12 ... 15 V DC
Current consumption	typ. 90 mA
Operating case temp. range	-20 ... +65°C
Input connector / impedance	Waveguide R100 / WG16 / WR90
Output connector / impedance	SMA-female, 50 ohms
Case	milled aluminium
Dimensions (mm)	73 x 40 x 20
Weight	110 g (typ.)