

## KU LNA 640700 A, Low Noise Broadband Amplifier

6400 ... 7000 MHz



### 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              | 6400..7000 MHz      |
| Noise figure @ 18 °C         | typ. 0.8 dB         |
| Gain                         | min. 30 dB          |
| Maximum input power          | 1 mW                |
| Supply voltage               | +8 ... 12 V DC      |
| Current consumption          | typ. 90 mA          |
| Operating case temp. range   | -20 ... +65°C       |
| Input connector / impedance  | SMA-female, 50 ohms |
| Output connector / impedance | SMA-female, 50 ohms |
| Case                         | milled aluminium    |
| Dimensions (mm)              | 50 x 30 x 17        |
| Weight                       | 50 g (typ.)         |