# KA-BAND LNB 27.2-28.2 GHZ WR-28 N/F/SMA



Ka-band LNB 27.2-28.2 GHz WR-28 with SMA/N/F output. Low noise, high gain, stable LO (26.2 GHz), and robust design for professional telecom use

| Input parameters: | |
|---|---|
| **Input Frequency Range** | 27.2-28.2 GHz |
| **Input VSWR, max** | 2.0 |
| **Input Interface** | Waveguide WR 28 |
| **Local Oscillator:** | |
| **LO Frequency** | 26.2 GHz |
| **LO Instability** | ± 1 ppm |
| **Output parameters:** | |
| **Output Frequency Range** | 1.0-2.0 GHz (customizable) |
| **Output Power @P1 dB** | +3 dBm |
| **Gain, min** | 50 dB |
| **Gain Unevenness (Full Band)** | ± 2 dB |
| **Gain Unevenness (30 MHz)** | ± 0.75 dB |

| | |
|---|---|
| **Output Impedance** | 50 Ω (SMA/N), 75 Ω (F type) |
| **Output VSWR, max** | 2.5 |
| **Noise Figure (@+25 °C)** | ≤ 3.0 dB |
| **Image Rejection** | ≥ 40 dBc |
| **Power Supply:** | |
| **Input Voltage** | 12-24 VDC |
| **Power Consumption** | ≤ 5.25 W |
| **Current Consumption** | ≤ 350 mA |
| **Environmental:** | |
| **Operating Temperature** | -30 °C to +60 °C |
| **Storage Temperature** | -40 °C to +80 °C |
| **Operating Humidity** | 0 %-95 % |
| **Mechanical:** | |
| **Dimensions (W × H × D)** | 60 × 42 × 126 mm |
| **Weight** | 0.4 kg |

*Taking into consideration that we (ROKS PrJSC) are developer and system integrator, also do not stop on our technical growth and improvement, know that the view of all our devices and equipment including their technical parameters may be different from pictures presented on website and parameters listed on each device webpage.*

***Note!** All details the customer has to confirm in advance during ordering and before payment. Those parameters that were not specified and / or were not agreed while ordering will be implemented as basic at the discretion of the manufacturer. Each of our customers has a 1.5 year warranty and 7 year aftersales support for the whole range of our products.*