



S-BAND LNB 2.35-2.75 GHZ N/F/SMA I/O



S-band LNB 2.35–2.75 GHz in / 0.95–1.35 GHz out, LO 3.7 GHz. Gain ≥ 50 dB, phase noise -80 dBc/Hz, mirror suppression ≥ 40 dB. SMA/N/F I/O, +12–24 V. Ideal for professional satcom.

| S-band LNB Technical Specifications | |
|-------------------------------------|--|
| Input Frequency Range | 2.35 – 2.75 GHz |
| Output Frequency Range | 0.95 – 1.35 GHz |
| LO Frequency | 3.7 GHz |
| Input VSWR, max | 1.8 |
| Input/Output Impedance | 50 Ω (SMA/N-type), 75 Ω (F-type) |
| LO Frequency Instability | ≤ 1.0 ppm |
| Phase Noise (1 kHz) | -65 dBc/Hz |
| Phase Noise (10 kHz) | -80 dBc/Hz |
| Gain, min | 50 dB |
| Gain Flatness (full band) | ± 2.0 dB |
| Gain Flatness (any 30 MHz) | ± 0.5 dB |
| P1 dB Output, min | +5 dBm |

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| Image Rejection | ≥40 dB |
| AGC Depth | ≥25 dB |
| Supply Voltage | +12 V – +24 V |
| Power Consumption, max | 350 mA |
| Operating Temperature | –30 °C ... +60 °C |
| Storage Temperature | –40 °C ... +80 °C |
| Relative Humidity | 0 % – 95 % |

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.