S-BAND LNB 2.7-3.1 GHZ N/F/SMA I/O



S-band LNB 2.7-3.1 GHz in / 0.95-1.35 GHz out, LO 4.05 GHz. Gain ≥50 dB, low phase noise, SMA/N/F I/O. Rugged, reliable, built for pro satcom. Operates from +12-24 VDC at 350 mA.

S-band LNB Technical Specifications	
Input Frequency Range	2.7-3.1 GHz
Output Frequency Range	0.95-1.35 GHz
LO Frequency	4.05 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

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.*