KA-BAND LNB 22.2-23.2 GHZ WR-42 N/F/SMA



High-performance Ka-band LNB (22.2-23.2 GHz) with WR-42 input, 50+ dB gain, and ultra-low noise figure. Ideal for satellite and RF telecom systems.

Input Parameters:	
Input Frequency Range	22.2 – 23.2 GHz
Input VSWR, max	2.0
Input Interface	Waveguide WR-42
Local Oscillator:	
LO Frequency	21.2 GHz
LO Stability (ppm)	±1.0
Output Parameters:	
Output Frequency Range	1.0 – 2.0 GHz
Output Interface	SMA / N-type / F-type
Output Impedance	50 Ohm (SMA/N), 75 Ohm (F)
Output Power @P1dB	+3 dBm
Gain, min	50 dB

Gain Flatness (full band)	±2 dB
Gain Flatness (30 MHz)	±0.75 dB
AGC Range	25 dB
Noise Figure	≤2.5 dB
Image Rejection	≥40 dBc
Power Supply:	
Voltage Supply	+12 – +24 VDC
Current Consumption	≤350 mA
Environmental:	
Operating Temperature	-30 to +60
Storage Temperature	-40 to +80
Humidity Range	0% – 95%
Mechanical:	
Dimensions (W x H x 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.*