KA-BAND LNB 23.2-24.2 GHZ WR-42 N/F/SMA



Ka-band LNB for 23.2-24.2 GHz input with 22.2 GHz LO, WR-42 interface, 50 dB gain, low noise figure, and SMA/N/F outputs. Ideal for professional satellite and RF systems.

Input parameters:	
Input Frequency range	23.2 – 24.2 GHz
Input level, max	-55 dBm
Input VSWR, max	2.0
Input interface	Waveguide WR-42
Local Oscillator:	
LO frequency	22.2 GHz
LO stability	±1.0 ppm
Output parameters:	
Output frequency range	1.0 – 2.0 GHz
Output Power @P1dB	+3 dBm
Gain, min	50 dB
Gain flatness (full band)	±2 dB

Gain flatness (30 MHz)	±0.75 dB
Output interface	SMA / N-type / F-type
Output impedance	50 / 75 Ohm
Output VSWR, max	2.5
Spurious:	
Noise Figure (@+25)	≤ 2.5 dB
LO leakage, max	-45 dBm
Image rejection, min	40 dBc
AGC Depth	≥ 25 dB
Power supply:	
Input voltage	+12 – +24 VDC
Current consumption, max	350 mA
Environmental:	
Operating temperature	-30 to +60
Storage temperature	-40 to +80
Humidity (non-condensing)	0% – 95%
Mechanical:	
Dimensions (W x H x D)	60 x 42 x 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.