KA-BAND LNB 24.2-25.2 GHZ WR-42 N/F/SMA



Ka-band LNB 24.2-25.2 GHz with 1.0-2.0 GHz output, 23.2 GHz LO, low noise, and multiple connector options. Ideal for telecom and broadcast applications.

Input parameters:	
Input Frequency range	24.2-25.2 GHz
Input VSWR, max	2.0
Input interface	Waveguide WR 42
Local Oscillator:	
LO frequency	23.2 GHz
LO instability (ppm)	≤1.0 ppm
Output parameters:	
Output frequency range	1.0-2.0 GHz
Output Power @P1dB	+3 dBm
Gain, min	50 dB
Gain flatness over band	±2 dB
Gain flatness over 30 MHz	±0.75 dB

Output interface	SMA/N type (50 Ω), F type (75 Ω)
Output impedance	50 / 75 Ω
Output VSWR, max	2.5
Spurious:	
Noise Figure (@+25 °C)	2.5 dB max
LO leakage, max	–45 dBm
Image rejection, min	40 dBc
AGC Depth, min	25 dB
Power supply:	
Input voltage	12-24 VDC
Power 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.