KA-BAND LNB 26.2-27.2 GHZ WR-28 N/F/SMA

Ka-band LNB 26.2–27.2 GHz WR-28 N/F/SMA is a high-stability low-noise block downconverter designed for high-frequency signal reception in satellite, test, or telecommunication systems. It receives signals from the 26.2–27.2 GHz Ka-band range and downconverts them to 1.0–2.0 GHz IF, using a 25.2 GHz local oscillator (LO). The unit features a WR-28 input and selectable SMA, N-type, or F-type output.

Parameter	Value
Input frequency range	26.2 – 27.2 GHz
Output frequency range	1.0 – 2.0 GHz
Local oscillator frequency	25.2 GHz
Input VSWR (max)	2.0
LO frequency stability (ppm)	±1.0
Output impedance	50 Ohm (SMA/N-type), 75 Ohm (F-type)
Gain (min)	50 dB
Gain flatness across full band	±2.0 dB
Gain ripple within 30 MHz	±0.75 dB
Noise figure (max)	3.0 dB

Parameter	Value
Image rejection (min)	40 dB
Output P1dB (min)	+3 dBm
Supply voltage	+12 to +24 V
Current consumption (max)	350 mA
Operating temperature	−30 °C to +60 °C
Storage temperature	−40 °C to +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.*