X-BAND LNB 7.7-8.25 GHZ WR-112 N/F/SMA



X-band LNB 7.7-8.25 GHz with 6.75 GHz LO, WR-112 input, and F/N-type output. Low noise, high gain, and IP67 housing make it ideal for radar and telecom.

Input parameters:	
Input Frequency Range	7.70-8.25 GHz
Input Waveguide Flange	WR-112 (with groove)
Input VSWR, max	2.5 : 1
Local Oscillator:	
LO Frequency	6.75 GHz
LO Stability	±5/10/25 kHz (internal reference)
Phase Noise 1 kHz	-75 dBc/Hz

Phase Noise 10 kHz	-80 dBc/Hz
Phase Noise 100 kHz	-95 dBc/Hz
Output parameters:	
Output Frequency Range	950-1500 MHz
Output Connectors	F-type or N-type female
Output VSWR, max	2.5 : 1
Output Power @P1dB	+5 dBm min
Gain & Noise:	
Noise Figure	0.6 dB typ / 0.7 dB max
Conversion Gain	60 dB typ (55-65 dB)
Gain Flatness	4 dBp-p max
Gain Ripple at 36 MHz	1 dBp-p max
Image Rejection	≥ 40 dBc
Power & Mechanical:	

Power Supply	+12 to +24 VDC
Required Current	300 mA max
Waterproof	IP67
Operating Temperature	-40 to +60
Dimensions	70 x 59 x 118 mm
Weight	620 g

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.