C-BAND LNB 6.25-7.3 GHZ WR-159 N/F/SMA



C-band LNB (6.25-7.3 GHz) with WR-159 and SMA/F outputs, 5.3 GHz LO, low noise figure, high gain, and stable AGC. Ideal for telecom professionals and test labs.

Input parameters:	
Input Frequency range	6.25-7.3 GHz
Input level, max	–
Input VSWR, max	2.0
Input interface	Waveguide WR-159
Local Oscillator:	
LO frequency	5.3 GHz
LO Phase noise:	
@1 kHz	-93 dBc/Hz
@10 kHz	-103 dBc/Hz
LO instability	±1 ppm
Output parameters:	
Output frequency range	0.95-2.0 GHz

Output Power @P1dB	≥19 dBm
Gain, min	45 dB
Gain flatness over full band	≤3.8 dB
Gain flatness over 30 MHz	±0.5 dB
Output interface	SMA / F-type female
Output impedance	75 Ohm
Output VSWR, max	1.7
Performance:	
Noise Figure	≤2.0 dB
Image rejection	≥45 dB
AGC depth	≥25 dB
Output power with AGC	-1 to +1 dBm
Power supply:	
Input voltage	+12...+24 VDC
Power consumption	≤3.3 W
Environmental:	
Operating temperature	-30 to +60
Storage temperature	-40 to +80
Humidity	0% – 95%
Mechanical:	
Dimensions (W x H x D)	—

Weight	—

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.