KA-BAND LNB 18.2-19.2 GHZ WR-42 N/F/SMA



High-performance Ka-band LNB 18.2-19.2 GHz with WR-42 interface, low noise, and SMA/N/F connectors. Converts to 0.95-1.95 GHz with stable 17.25 GHz LO

Input parameters:	
Input Frequency range	17.2 – 18.2 GHz
Input waveguide flange	WR-62 with groove
Input VSWR	2.5 : 1 max.
Local Oscillator:	
LO frequency	17.25 GHz
LO stability	±25 kHz
External reference	10 MHz, -5 to +5 dBm
Phase noise	-70 dBc/Hz @1 kHz, -80 dBc/Hz @10 kHz, -95 dBc/Hz @100 kHz
Output parameters:	
Output frequency range	950 – 1950 MHz
Output power (P1dB)	+5 dBm min.
Output connector	F or N-type female

Output impedance	75 Ohm
Output VSWR	2.5 : 1 max.
Image rejection	40 dBc min.
Gain	55-65 dB (typ. 60 dB)
Gain flatness	4 dBp-p max.
Gain ripple per 36 MHz	1 dBp-p max.
Spurious and Noise:	
Noise figure	1.5 dB typ., 1.6 dB max.
LO leakage	-45 dBm max
Power supply:	
Voltage input	+12 to +24 V DC
Power consumption	450 mA max.
Environmental:	
Operating temperature	-40°C to +60°C
Waterproof rating	IP67
Mechanical:	
Dimensions (W x H x D)	60.0 x 45.0 x 103.6 mm
Weight	420 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