C-BAND LNB DUAL 3.4-4.2 + 4.5-4.8 GHZ WR-229 N/F/SMA

Dual-band C-band LNB 3.4–4.2 + 4.5–4.8 GHz with WR 229 input, dual LO (5.15 / 5.95 GHz), 60 dB gain, external ref, IP67. IF out via N/F/SMA. Pro-grade for satcom & telemetry.

C-band Dual LNB Technical Specifications	
Input Frequency Range (Band 1)	3.4 – 4.2 GHz
LO Frequency (Band 1)	5.15 GHz
Output Frequency Range (Band 1)	0.95 – 1.75 GHz
Input Frequency Range (Band 2)	4.5 – 4.8 GHz
LO Frequency (Band 2)	5.95 GHz
Output Frequency Range (Band 2)	1.15 – 1.45 GHz
Noise Temperature	30 K typ., 35 K max
Conversion Gain	60 dB typ. (55–65 dB)
Gain Flatness	≤5 dBp p full band
Gain Ripple (36 MHz)	≤1 dBp p
LO Stability	±5/10/25 kHz (internal)
External Reference	10 MHz, –5 to +5 dBm
Image Rejection	≥40 dBc

Phase Noise	−73 dBc/Hz @1 kHz, −83 dBc/Hz @10 kHz, −95 dBc/Hz @100 kHz
Output P1 dB	≥+5 dBm
Input VSWR	≤3.0 : 1
Output VSWR	≤2.5 : 1
Waveguide Input	CPR229G (WR 229 with groove)
IF Output Connectors	N/F/SMA female
Power Supply	+12 – +24 VDC per band
Current Consumption	≤250 mA per band
Operating Temperature	−40 °C ... +60 °C
Waterproof Rating	IP67
Dimensions	98.8 × 70.0 × 165.0 mm
Weight	780 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.*