LOW NOISE BLOCK PLL LO 3.85 GHZ, 2.0-2.5 GHZ INPUT, 51 DB, 1350-1850 MHZ OUTPUT

Low Noise Block PLL LO 3.85 GHz is an S-band to L-band LNB that amplifies weak 2.0-2.5 GHz RF signals and converts them to 1350-1850 MHz with 51 dB gain and stable PLL operation.

Parameter	Value
Input frequency range	2.0-2.5 GHz
Input VSWR, max	1.8
LO frequency	3.85 GHz
LO frequency stability	± 1 ppm
LO phase noise (1 kHz offset)	–65 dBn/Hz
LO phase noise (10 kHz offset)	–80 dBn/Hz
Output frequency range	1350-1850 MHz
Output power , min	5 dBm
Gain, min	51 dB
Output VSWR, max	1.8
ALC range, min	25 dB
Flatness over full band	2.2 dB

Amplitude response unity gain 2.0-2.4 GHz any 30 MHz	± 0.3 dB
Noise figure, not more	2.5 dB
Image rejection, min	40 dB
Input voltage	+12...+24 VDC
Power consumption, max	3.0 W
Dimensions	115 × 68 × 24 mm
Weight	0.25 kg

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.