



BLOCK DOWN CONVERTER 2.0-2.4 GHZ TO 950-1350 MHZ, LO 3.35 GHZ, 30 DB, N-TYPE FEMALE, +12 TO +24 VDC

Block Down Converter LO 3.35 GHz is an RF frequency down converter for converting 2.0-2.4 GHz S-band signals to 950-1350 MHz L-band IF with 30 dB gain, stable LO, and ALC system.

Parameter	Value
Input Frequency Range	2.0-2.4 GHz
Input VSWR, max	1.8
LO Frequency	3.35 GHz
LO Frequency Stability	± 1 ppm
LO Phase Noise 1 kHz	-65 dBn/Hz
LO Phase Noise 10 kHz	-80 dBn/Hz
Output Frequency Range	950-1350 MHz
Output Power P1dB, min	5 dBm
Gain, min	30 dB
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	3.5 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
Connector	N-Type Female
Filtering	Built-in front-end Band Pass Filter; low-pass filter
Housing	Compact case, protected from dust and moisture

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.