LNB-CPL38 WITH AGC



C-band LNB-CPL38 is Low Noise Block Down Converter with single LO Frequency 3.8 GHz and Automatic Gain Control, Input Frequency Range 4.75 – 5.3 GHz, Output Frequency Range 0.95 – 1.5 GHz, Gain 50 dB, Connector i/o N-type (female),WR-159/N,SMA

Input parameters	
Input Frequency	4.75 – 5.3 GHz
Waveguide interface	WR-159
Connector (by order)	N-type (female)
Input VSWR	2.5:1
Impedance	50 Ohm
Output parameters	
Output Frequency	950 … 1500 MHz
Output VSWR	2.2:1
Output Interface	N-type / SMA (female)
Impedance	50 Ohm
Local frequency	

LO frequency	5.15 GHz
LO instability	± 2 to ± 50 kHz (room temp.) ± 10 to ± 100 kHz (over room temp.)
LO Phase noise:	
@1kHz	-65dBc/Hz
@10kHz	-80dBc/Hz
@100kHz	-95dBc/Hz
@1MHz	-110dBc/Hz
Characteristics	
Gain	58 dB
Flatness	± 2 dB @ full band
Ripple	± 0.75 dB @ 30 MHz
Variation	± 2 dB max
Noise figure	30K max
P1dB	+3 dBm
Image rejection	45 dB min
Power Supply	
Input voltage	+12 V … + 24 V DC
Required current	300 mA max
Environmental	
Operating temperature	-30 to +60

Storage temperature	-40 to +80
Operating humidity	0% – 95% RH
Mechanical	
Dimensions (W x H x D)	81x62x135 mm
Weight	0.520 kg

Taking into consideration that we (UMT LLC) are developer and system integrator, also do not stop on our technical growth and improvement, know that 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 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 our customer has 1.5 year warranty and 7 year aftersales support for whole range of our products.