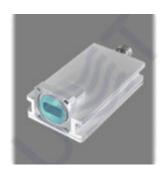


## PLL LNB WITH AGC L.O. 10.6



PLL LNB with AGC L.O. 10.6 is professional low noise block down converter with automatic gain control, wide dynamic range of up to 50 dB (biggest among any other LNB). AGC range of 25 dB, LO instability of 50 kHz, Gain (min) of 40 dB.

Input parameters:		
Input Frequency range	11.55 – 12.35	
Input level range	– 6515 dBm	
Input VSWR, max	1.8	
Input interface	Waveguide WR75, Flange UBR120	
Local Oscillator:		
LO frequency	10.6	
LO Phase noise:		
@1 kHz	-77 dBc/Hz	
@10 kHz	-87 dBc/Hz	
@100 kHz	-97 dBc/Hz	
LO instability	± 100 kHz (or by order)	

Output parameters:		
Output frequency range	950 – 1750 MHz	
Output Power @P1dB	O dBm	
Gain, min	40 dB	
Output interface	N/F-type female (by order)	
Output impedance	50/75 Ohm	
Output VSWR, max	1.8 : 1	
Frequency Response:		
Flatness over Full Band	3 dB	
Flatness over 27MHz Band	0.5 dB	
Spurious:		
Noise figure given to the input, no more	5.0 dB	
LO leakage, max	-50 dBm	
Image rejection, min	60 dBc	
Power Supply:		
Input voltage	15 VDC — 30 VDC, nominal 18 VDC	
Power consumption, max	5 W	
Environmental:		
Operating temperature	-40 to +60 (-40 to +140 )	
Storage temperature	-40 to +80 (-40 to +176 )	
Operating humidity	0% – 95%	

Mechanical		
Dimensions (W x H x D)	55x38x116 mm	
Weight	0.25 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.