LNA L-BAND WITH FILTER



L-band low-noise amplifier with filter is designed for increasing the sensitivity of the satellite communication and navigation systems receivers and for protecting from noise.

L-band LNA with filter is low-noise amplifier which is designed for increasing the sensitivity of the satellite communication and navigation systems receivers, for protecting from noise (which can be outside the operating frequency range of the amplifier) and it's applied for low power signal amplifying without significantly decreasing the signal-to-noise ratio by minimizing additional noise (the selective bandpass filter is installed at the input of the amplifier, which limits the bandwidth of the received signal).

The amplifier has 50 Ohm impedance and DC pass (optional).

L-band low-noise amplifier features a compact case which protects it from dust and moisture. It is tiny and reliable.

General parameters	
Frequensies range	1503 .. 1725 Mhz
Gain	30 dB
Flatnes	±1 dB
Input retun loss	-19 dB

Output return loss	-13 dB
Noise Figure	2.6 dB
Output power, P1dB	+20 dBm
Power Supply	
Input Voltage	+7.5 .. +34 V
Power Consumption	2 W
Environmental:	
Operating temperature	-40 to +50 (-40 to +122)
Storage temperature	-60 to +80 (-76 to +176)
Operating humidity	100%, non-condensing
Mechanical	
Dimensions (W x H x D)	145 x 50 x 25
Weight	280 g

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.