

L-BAND AMPLIFIER



L-band amplifier for 950-2150 MHz with digitally adjustable gain from -10 to +20 dB in 1 dB steps and +20 dBm output P1dB. It compensates cable losses and boosts weak L-band signals while passing DC (up to 2 A) and the 10 MHz reference.

General parameters	
Frequency range	950-2150 MHz
Gain	-10...+20 dB (adjustable)
Gain adjustment	Digital, 1 dB step
Flatness @ Full Band	±1 dB
Flatness @ 40 MHz	±0.3 dB
Input return loss	-19 dB
Output return loss	-15 dB
Noise figure (@ max gain)	5 dB
Output power, P1dB	+20 dBm
DC bypass	Up to 2 A
10 MHz	Bypass

Power Supply	
Input voltage	+7.5...+34 V
Power consumption	1.2 W
Environmental	
Operating temperature	-40°C to +50°C
Storage temperature	-60°C to +80°C
Operating humidity	100%, non-condensing
Mechanical	
Dimensions (W x H x D)	116 x 28 x 89 mm
Weight	350 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.