

Code: MA-081L

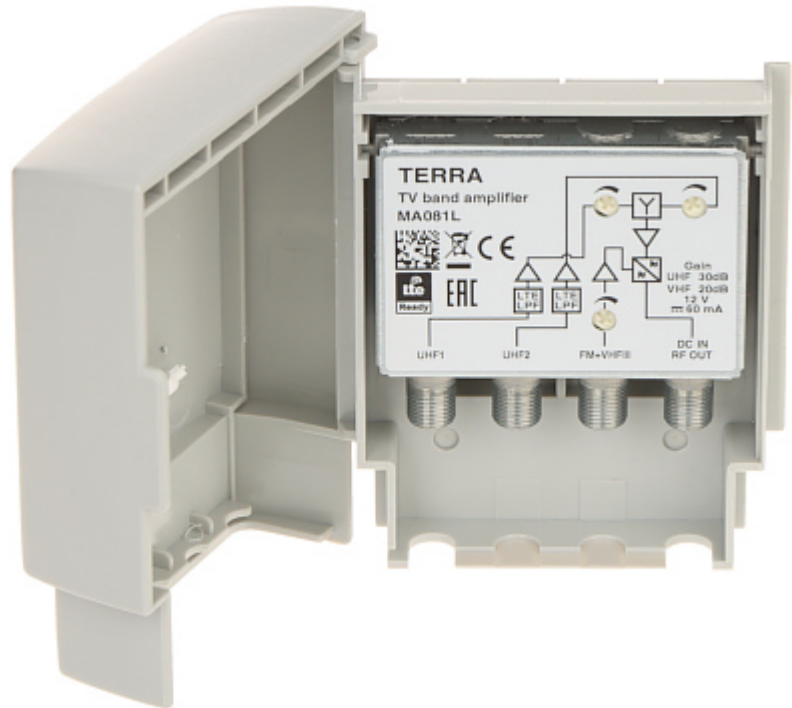
## ANTENNA AMPLIFIER **MA-081L** FM / VHF / UHF 12V TERRA

The MA-081L mast amplifier of Terra company is a device intended for individual installations and small collective installations for several outlets, e.g. in single family houses. Maximal output signal level is equal of 108dB $\mu$ V (IMD3=60dB, DIN45004B) and ensures good distribution of the signal to several outlets.

The amplifier has 1 FM+VHF III input and 2 UHF inputs. The amplifier has a low noise level.

The device has a DC-transition. The amplifier can be powered from a typical power supply adapter 12V/100mA with a separator. It can also be powered via the coaxial cable from a launch amplifiers.

The device has a built-in LTE signal filter that eliminates unwanted signals in the 800 MHz (791-862 MHz) band intended for the implementation of data transmission services (LTE).



Frequency range:	<ul style="list-style-type: none"> <li>• FM : 88 MHz ... 108 MHz,</li> <li>• VHF : 174 MHz ... 230 MHz,</li> <li>• UHF : 470 MHz ... 790 MHz</li> </ul>
Gain :	<ul style="list-style-type: none"> <li>• FM : 20 dB,</li> <li>• VHF : 20 dB,</li> <li>• UHF : 30 dB</li> </ul>
S/N ratio:	<ul style="list-style-type: none"> <li>• FM : 5 dB</li> <li>• VHF : 5 dB</li> <li>• UHF : 3 dB</li> </ul>
Return loss:	> 10 dB
Number of inputs/outputs:	<ul style="list-style-type: none"> <li>• 3 Inputs : FM + VHF / UHF / UHF</li> <li>• 1 Output</li> </ul>
Maximal output level IMD3=60 dB DIN45004B:	108 dB $\mu$ V
Amplifier shield:	✓
Input/output impedance:	75 $\Omega$
Connectors type:	"F"
Housing:	die-cast housing mounted inside compact plastic enclosure
Mounting:	on a mast or a wall
Operation temp:	-20 °C ... 50 °C



# DATA SHEET

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Power supply:	12 V DC / 60 mA
Weight:	0.18 kg
Dimensions:	107 x 89 x 43 mm
Manufacturer / Brand:	TERRA
Guarantee:	2 years