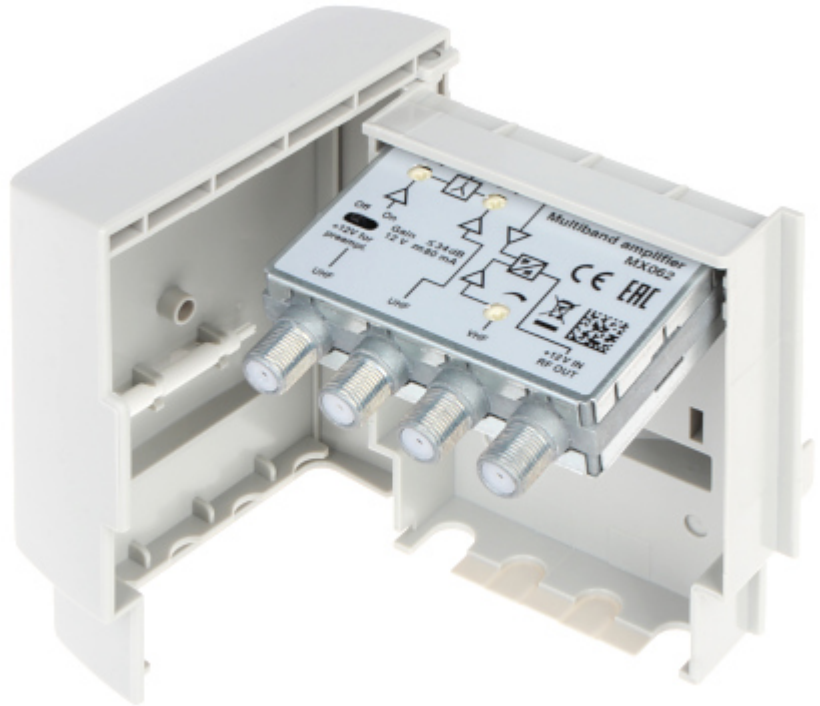


Code: MX-062

## ANTENNA AMPLIFIER **MX-062** FM / VHF / UHF 12V TERRA

The MX-062 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 105dB $\mu$ V (IMD3=60dB, DIN45004B) and ensures good distribution of the signal to several outlets. The amplifier has 1 FM+VHF input and 2 UHF inputs. The amplifier has a low noise level. The On/Off switch set to On position provides power voltage of 12 V DC and maximum current of 60 mA to the antenna preamplifier. 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.



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 ... 862 MHz</li> </ul>
Gain :	<ul style="list-style-type: none"> <li>• FM : 30 dB</li> <li>• VHF : 30 dB</li> <li>• UHF : 34 dB</li> </ul>
S/N ratio:	<ul style="list-style-type: none"> <li>• FM : 6 dB</li> <li>• VHF : 6 dB</li> <li>• UHF : 3 dB</li> </ul>
Return loss:	> 10 dB
Number of inputs/outputs:	3 / 1
IMA3 60dB:	105 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 / 80 mA
Weight:	0.176 kg
Dimensions:	107 x 89 x 43 mm
Manufacturer / Brand:	TERRA
Guarantee:	2 years