

Code: AB-012

## ANTENNA AMPLIFIER **AB-012** DVB-T 5V

The AB-012 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. Amplifier is equipped with 3 inputs enabling to connect 3 receivers or further distribution to more outlets. Maximal output signal level is equal of 103dB $\mu$ V (IMD3=60dB, DIN45004B) and ensures good distribution of the signal to a few outlets. Amplifier is also characterized by low level of noises below 1dB. The main advantage of the AB-012 amplifier is low power consumption equal 0.3W, due to use special designed 5V power system. This value of the voltage is in accordance with DVB-T standard (EN 300 744). The 5V voltage is present on the antenna input of the digital terrestrial television receivers. Using the AB-012 amplifier instead of standard amplifiers powered with 12V, allows to avoid using additional power adapters in the system.



Frequency range:	470 MHz ... 862 MHz
Gain :	7 dB / 22 dB (switch)
S/N ratio:	< 1 dB
Return loss:	> 10 dB
Number of inputs/outputs:	1 / 3
IMA3 60dB:	103 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
Power supply:	4.5 V ... 12 V DC
Weight:	0.170 kg
Dimensions:	108 x 90 x 44 mm
Guarantee:	2 years