

Code: AI-223

## ANTENNA AMPLIFIER **AI-223** ALCAD

Broadband amplifier with 2 outputs to mini-collective installations. The AI-223 amplifier is used as subscriber amplifier to distribute the signal of CATV or MATV systems for multiple receivers.

Due to the lack of gaps in the operating band, amplifier can be used in every CATV network. It can be also used to distribute the signals of MATV systems. Amplification adjustment is related to the cable loss characteristics correction.

Amplifier is equipped with passive return channel KZ 0 - 65 MHz, what allows to connecting the cable modem to it. It is possible to use it in installations with wired remote controller extensions e.g. Power Link.



Frequency range:	86 MHz ... 862 MHz 0 MHz ... 65 MHz Return channel
Number of inputs/outputs:	1/2
Input/output impedance:	75 $\Omega$
Connectors type:	"F"
Gain :	25 dB $\pm$ 1 dB -5.5 dB $\pm$ 1 dB Return channel
Gain adjustment:	15 / 10 dB
S/N ratio:	< 6 dB
IMA3 60dB:	105 dB $\mu$ V
Return loss:	> 10 dB
Power supply:	230 V AC
Power consumption:	5.5 W
Manufacturer / Brand:	ALCAD
Guarantee:	2 years