

904 BROADBAND AMPLIFIERS

INDOOR AMPL 2 OUTPUTS CATV (RP 65MHZ)

Code : **9040052**

Model : **AI-223**

Description

Broadband apartment amplifier for terrestrial TV, with built-in power supply unit. It amplifies the VHF, UHF and interband bands continuously and includes a return path. It has a gain control and two outputs for the distribution to two or more televisions.

Applications

Designed to enlarge analogue and digital terrestrial TV installations within a house. Especially appropriate as an apartment amplifier in cable TV networks or in community installations where the interband bands are used. It amplifies the TV signal so a new distribution can be made from the signal of one TV outlet or from the coaxial cable entering the house.

Characteristics

Made from ABS plastic, with an internal zamak chassis which gives maximum shielding. The power supply unit is insulated from the rest of the high frequency circuit. Fixed to the wall by means of the supplied screws and wall-plugs. F type connectors.



CODE		9040051		9040052	
MODEL		AI-221		AI-223	
Outputs				2	
Frequency range	Band	RP	VHF/UHF	RP	VHF/UHF
	MHz	0-30	47-862	0-65	86-862
Gain	dB±TOL	-5.5 ±0.5	25 ±1.5	-4.5 ±0.5	25 ±1.5
Flatness response	dB	±1.2	±1.5	±0.5	±1.5
Gain adjust	MHz	-	47	862	-
	dB	-	20	10	-
Output level	dBµV	105 (DIN 45004B) 102 (IMD ₃ -60 dB) 90 (IMD ₂ -60 dB) 89 (CTB -60 dB) 84 (CTB -60 dB) 90 (CTB -60 dB)			
Return loss	dB	≥10			
Noise figure	dB	≤6			
Mains voltage	V~	230 ±10% ⁽¹⁾ 50/60 Hz			
	W	5.5			
Operating temperature	°C	-10..+65			
Protection index		IP 20			
Units per packing		1			
Packing weight	Kg	0.4			
Packing dimensions	mm	115 x 102 x 45			