904 BROADBAND AMPLIFIERS

INDOOR AMPLIFIER TV+IF 2 OUTPUTS



Code : **9040071**

Model : **AI-210**

Description

Broadband apartment amplifier for terrestrial and satellite TV, with built-in power supply unit. It amplifies the terrestrial TV and IF satellite bands separately. It has an independent gain control for each band and a fixed slope on the IF band. Available with two equal outputs.

Applications

Designed to enlarge analogue and digital terrestrial and satellite TV installations within an apartment or house. It amplifies the TV signal so a distribution with TV-SAT outlets can be made from the signal of one TV outlet or from the coaxial cable entering the house. The levels are easily adjusted by means of the two built-in gain controls.

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		9040071	
MODEL		AI-210	
Outputs		2	
Frequency range	Band	TV	SAT
	MHz	40-862	950-2150
Gain	dB±TOL	16 ±1,0	30 ±1,5
Flatness response	dB	±1,0	±3,0
Gain adjust	dB	15	12
Fixed equalization	dB	-	10
Output level	dBµV	95 DIN 45004B 92 (IMD3 - 60 dB) 74 (IMD2 - 60 dB) 79 (CTB - 60 dB) 69 (CSO - 60 dB) 78 (XMOD - 60 dB)	112 (IMD3 - 35 dB) 85 (IMD2 - 35 dB)
Isolation between outputs	dB	12	7
Return loss	dB	10	
Chroma - luminance delay	ns	<20	
Noise figure	dB	6	7.5
Mains voltage	V~	230 ±10% (1) 50/60Hz	
	%	6.5	
Operating temperature	ºC	-5..+60	
Protection index		IP 20	
Units per packing		1	
Packing weight	Kg	0.58	
Packing dimensions	mm	165 x 100 x 50	