904 BROADBAND AMPLIFIERS

INDOOR AMP 2 OUTPUTS CATV RP 65 MHZ



Code : **9040123**

Model : **AI-233**

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 passive return path. It has a gain control, slope control and two outputs, one derived.

Applications
Designed appropriate as an apartment amplifier in cable TV networks or in community installations where the interband bands and return path 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		9040123	
MODEL		AI-233	
Outputs		2	
Frequency range	Band	Return	VHF/BS/UHF
	MHz	5-65	86-862
Gain	dB ±TOL	-4.5 ±0.5	28 ±1.0
Flatness response	dB	±0.5	±1.5
Gain adjust	dB	-	13
Adjustable equalization range	dB	-	18
Output level	dBµV	110 DIN45004B 107 (IMD_3 - 60dB) 100 (IMD_2 - 60dB) 94 (CTB - 60dB) 95 (CSO - 60dB) 94 (XMOD - 60dB)	
Return loss	dB	10	
Noise figure	dB	6 ±1.0	
Mains voltage	V	230 ±10% 50/60Hz	
	VA	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	