

904 BROADBAND AMPLIFIERS

AMPLIFIER 2 OUTPUTS 24 VDC



Code : **9040060**

Model : **CA-210**

Description

Broadband head-end amplifiers with several inputs. Built on a compact chassis, they are capable of supplying a signal to a large number of outlets. Some of the models have two identical outputs in order to increase the number of outlets. Available on request in 125 or 240 V~.

Applications

Designed for analogue and digital terrestrial TV installations in medium-sized MATV networks or individual installations. They are used as the head-end amplifier of the installation. The two outputs models facilitate star-shaped distribution from the head-end through the use of splitters.

Characteristics

Made from ABS plastic, with an internal zamak chassis of which provides maximum shielding. F type connectors which affords a connection with minimum mismatching and high shielding. Power supply unit insulated from the rest of the high frequency circuit, complying with all safety standards.

CODE		9040060				9040014			
MODEL		CA-210				CA-310			
TV System		AM-TV / DVB-T							
Connection		F female							
Number of outputs		2				2+Test			
Number of inputs		1				3			
Frequency range	Banda	VHF	UHF	BI	FM	BIII	UHF 1	UHF 2	
	MHz	40-400	470-862	40-70	88-108	160-260	470-862		
Gain	dB ±TOL	24 ±1,0	25 ±1,5	35 ±1,0	25 ±1,0	35 ±1,0	42 ±2,0		
Flatness response	dB	±1,2	±1,5	±1,5 ±0,25 (8MHz)					
Adjustable gain range	dB	16	12	20			16		
Output test point	dB	-				-30 ±0,5			
Output level	dBµV	102 DIN 45004B 99 (IMD3 -60 dB) 86 (IMD2 -60 dB)				2x110 DIN 45004B 2x107 (IMD3 -66 dB) 2x100 (IMD2 -60 dB)			
Isolation between inputs/outputs	dB	-				13			
Output voltage	V---	24 Switchable				-		24 Auto	-
	mA	55				-		50	-
Return loss	dB	10							
Chroma - luminance delay	ns	-				<10			
Noise figure	dB	<4,5	<3,0	5±1,5					
Mains voltage	V~	230±10% 50/60 Hz							
	VA	7							
Operating temperature	°C	-5..+60				-10..+65			
Protection index		IP 20							
Units per packing		1							
Packing weight	Kg	0,38				0,58			
Packing dimensions	mm	115 x 102 x 45				160 x 100 x 50			