904 BROADBAND AMPLIFIERS

AMP UHF-UHF-BIII/BI 2 OUTPUTS

Code : **9040014**

Model : **CA-310**

Description
Broadband head-end amplifiers with 3 inputs. Built on a compact chassis, they are capable of supplying signal to a large number of outlets. 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 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 (IMD$_3$ -60 dB) 86 (IMD$_2$ -60 dB)		2x110 DIN 45004B 2x107 (IMD$_3$ -66 dB) 2x100 (IMD$_2$ -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				