

# 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  $240 \ V_{\sim}$ .

#### **Applications**

Designed for analogue and digital terrestrial TV installations in mediumsized MATV networks or individual installations. They are used as the headend 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		•	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	<b>24</b> ±1,0	<b>25</b> ±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 (8 <i>h</i>				
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			-			-	
Return loss	dB	10						1	
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		-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				