

# 904 BROADBAND AMPLIFIERS

5 INP.2 OUTP.UHF-UHF-UHF-BIII-BI/FM 40DB



Code : **9040034**

Model : **CF-512**

## Description

Broadband head-end amplifier with several inputs and different band configurations. The built-in power supply unit can feed up to five preamplifiers automatically. Output test-point to adjust the installation without having to disconnect the TV signal.

## Applications

Designed to build large analogue and digital terrestrial MATV installations. Suitable for installations where the channels of each band are received at similar levels. Adjustment by means of regulators which control the gain at each input.

## Characteristics

Made from zamak and galvanised steel plate to provide maximum shielding. Independent housings for the power supply unit and the high frequency circuit. F type connectors in nickel-plated iron which gives a connection with minimum mismatching and maximum shielding. Input and output connectors in the lower part facilitate installation.

CODE	9040033						9040034					
MODEL		CF-511					CF-512					
TV System		AM-TV / DVB-T										
Connection		F female										
Number of outputs		1 + Test										
Number of inputs		5					5					
Frequency range	Band	UHF 1	UHF 2	BIII/DAB	FM	BI	UHF 1	UHF 2	UHF 3	BIII/DAB	BI/FM	
	MHz	470-862		160-260	88-108	47-68	470-862			160-260	47-108	
Gain	dB	45		40			45			40		
Adjustable gain range	dB	20										
Flatness response	dB	±2										
Output test point	dB±TOL	-34 ±2		-30 ±1	-25 ±1		-34 ±2			-30 ±1	-28 ±1	
Output level	dBµV	115 DIN 45004B 112 (IMD3 - 60 dB) 105 (IMD2 - 60 dB)										
Return loss	dB	10										
Chroma - luminance delay	ns	<20										
Noise figure	dB	8					10			8		
Output voltage	V $\overline{\text{---}}$	24 Auto										
	mA	60										
Mains voltage	V $\sim$	230 ±10% 50/60 Hz										
	VA	8										
Operating temperature	°C	-20...+60										
Protection index		IP 50D										
Units per packaging		1										
Packing weight	Kg	1.8										
Packing dimensions	mm	220 x 200 x 60										