904 BROADBAND AMPLIFIERS

AMPL UHF-UHF-BIII-BI-FM G=40



Code : **9040033**

Model : **CF-511**

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	FM	BI	UHF 1	UHF 2	UHF 3	BIII	BI/FM
	MHz	470-862		175-230	88-108	47-68	470-862			175-230	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	-28 ±1		-34 ±2			-30 ±1	-28 ±1
Output level	dBµV	115 DIN 45004B 112 (IMD_3 -60 dB) 105 (IMD_2 -60 dB)									
Return loss	dB	≥10									
Chroma - luminance delay	ns	<20									
Noise figure	dB	8					10			8	
Output voltage	V⎓	24 Auto									
	mA	60									
Mains voltage	V~	230±10% 50/60 Hz									
	VA	8									
Operating temperature	°C	-20..+60									
Protection index		IP50D									
Units per packing		1									
Packing weight	Kg	1.8									
Packing dimensions	mm	220 x 200 x 60									