



Description

Broadband head-end amplifier with multiple inputs. 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 perform analogue and digital terrestrial MATV installations of medium size. 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	9040064					
MODEL	CA-511					
TV System	AM-TV / DVB-T					
Connection	F female					
Number of outputs	1 + Test					
Number of inputs	5					
Frequency range	Band	BI/FM	BIII/DAB	UHF 1	UHF 2	UHF 3
	MHz	47-108	160-260	470-862		
Gain	dB±TOL	30 ±1,0		33 ±2,0		
Adjustable gain range	dB	20				
Flatness response	dB	±2				
Output test point	dB	30 ±0,5				
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 ±1,0		10 ±1,0		
Output voltage	V---	24 Auto				
	mA	60				
Fuse	V~	250				
	VA	1.6				
Mains voltage	V~	230 ±10% 50/60 Hz				
	VA	8				
Operating temperature	°C	-10..+65				
Protection index		IP 50D				
Units per packaging		1				
Packing weight	Kg	1.8				
Packing dimensions	mm	220 x 200 x 60				

DIN 45004B: 3 unequal carriers, IMD₃ at 60 dB
 IMD₃ -60 dB: 2 equal carriers, EN 50083-3
 IMD₂ -60 dB: 2 equal carriers, EN 50083-3