



CF-513



Not available

CA-510

Description

Broadband head-end amplifier with five inputs. They have three UHF inputs which can be configured on request by adding low pass filters, high pass, band pass, monochannel, band rejection and channel rejection. The filters are installed during the factory manufacturing process and cannot be readjusted by the user.

Applications

Designed for use in large, digital and analogue terrestrial MATV installations which require an amplifier adapted to the specific needs of the area. The interference from undesired channels can be avoided through the use of the built-in filters. The type of filter and the initial and final channels should be specified in the order.

Characteristics

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

Accessories

9120039 CM-004 Male F connector for Ø6.6 mm coaxial cable.

9080023 MC-302 Male F-connector for RG-6 coaxia cable, Ø 7.0 mm.

CODE		9040006						9040035				
MODEL		CA-510						CF-513				
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	UHF 3	BIII	BI/FM	UHF 1	UHF 2	UHF 3	BIII	BI/FM	
	MHz	470-862			175-230	47-108	470-862			175-230	47-108	
Gain	dB ±TOL	33 ±2.0			30 ±1.0		45			40		
Adjustable gain range	dB	20										
Flatness response	dB	±2										
Output test point	dB ±TOL	-34 ±2						-30 ±1		-28 ±1		
Output level	dBpV	115 DIN 45004B 112 (IMD3 -60 dB) 105 (IMD2 -60 dB)										
Return loss	dB	10										
Chroma - luminance delay	ns	<20										
Noise figure	dB	≤10			≤8		≤10			≤8		
Output voltage	V---	12 Auto						24 Auto				
	mA	60										
Mains voltage	V~	230±15% 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										

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