



#### Description

Broadband head-end amplifiers with multiple inputs. Built on a compact chassis, they are capable of supplying a signal to a large number of outlets. Some of the models have two identical outputs in order to increase the number of outlets.

#### Applications

Designed for analogue and digital terrestrial TV installations in medium-sized MATV networks or individual installations. They are used as the head-end amplifier of the installation. The two outputs models 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	
MODEL	CA-210	
TV System	AM-TV / DVB-T	
Connection	F female	
Number of outputs	2	
Number of inputs	1	
Frequency range	Band	VHF / FM / DAB
	MHz	40-400
Gain	dB±TOL	24 ±1.0
		25 ±1.5
Flatness response	dB	±1.2
Adjustable gain range	dB	16
Output level	dBµV	2x 102 (DIN 45004B)
		2x 99 (IMD <sub>3</sub> -60 dB)
		2x 86 (IMD <sub>2</sub> -60 dB)
Output voltage	V <sub>DC</sub>	24 Switchable
	mA	55
Return loss	dB	10
Noise figure	dB	<4.5
		<3.0
Mains voltage	V <sub>~</sub>	230 ±10% 50/60 Hz
	VA	7
Operating temperature	°C	-5..+60
Protection index		IP 20
Units per packaging		1
Packing weight	Kg	0.38
Packing dimensions	mm	115 x 102 x 45

DIN 45004B: 3 unequal carriers, IMD<sub>3</sub> at 60 dB  
 IMD<sub>3</sub> -60 dB: 2 equal carriers, EN 50083-3  
 IMD<sub>2</sub> -60 dB: 2 equal carriers, EN 50083-3