

DESCRIPTION

Universal amplification system capable to independently amplify and regulate 8 UHF channels as well as to process VHF and FM signals.

The ideal solution for dealing with different signal levels. Suitable for installations located in medium or low signals areas.

Easy to programme. Keyboard selection with digital display allows any combination of UHF channels, processing them completely independently. All functions are automatically memorized by a FAGOR microprocessor.

The channels can be reprogrammed.

The unit is designed to receive signals coming from two UHF antennas. The system can be configured according to the number of channels picked up by each antenna.

Designed to provide maximum versatility, it is easy to expand and can be adapted to receive new channels in the future.

The UHF, VHF split amplifier guarantees IM2 free operation.

Includes an Output Level Meter, making the use of any additional equipment unnecessary.

The SAB 252 amplifier is specially designed for use as a MicroMATV output amplifier.



MICROMATV + SAB 252

Supply voltage	220 Vac ± 10 %
Current drawn	10 W
Operating temperature range	0 ÷ 50° C

TECHNICAL SPECIFICATIONS

MODEL	MICROMATV®			SAB 252			
	35495			35252			
Reference							
Number of inputs	BI - BIII 1	UHF 2	FM 1	1			
Frequency range	47 ÷ 68 132 ÷ 300	470 ÷ 862	87,5 ÷ 108	47 ÷ 68 174 ÷ 230	87,5 ÷ 108	470 ÷ 862	
Number of channels	—	8	FM	—	—	—	
Gain	dB	30	40	-3	25	33	25
Independent regulation per channel	dB	—	20	—	—		
Regulation	dB	30	—	—	20		
Selectivity (± 20 MHz)	dB	—	>20	—	—		
Noise figure (typ.)	dB	4	3,5	—	7	6	
Max. input level	dBµV	106	71	—	106		
Min. input level S/N 30 dB	dBµV	36	36	—	—		
Input level for S/N<45 dB (opt. picture quality)	dBµV	> 51	> 51	—	86		
Output level DIN 45004B (-60dB)	dBµV	106	106	—	117		
Output level for 8 channels (UHF)	dBµV	91 ÷ 100 (up to 117 dBµV with SAB 252)			111		
Isolation between inputs	UHF - UHF UHF - VHF / FM	dB	>30 >60	—			
UHF output level meter	dBµV	(red) >92 (green) 91 (yellow) <90			—		
Packing dimensions	mm	300 x 270 x 92			250 x 125 x 62		
Weight	Kg	2,6			0,8		