

MULTI-TREATMENT HEADBOARDS

HEADEND AMPLIFIER

SHA-SAC 8000

8000 Series broadband amplifier for headends. The SHA model is a single-input amplifier. The SAC model has 4 inputs which it mixes and amplifies internally, allowing the connection of signals from up to 4 racks.

APPLICATION

Community TV installations, including both SMATV and CATV.

FEATURES

- They feature gain control and a 'Test' output for monitoring the output signal.
- Linear amplification with low noise figure and output level control.
- Includes mounting screws and power cable.
- Exceptional linearity.
- High dynamic range.



		SHA		SAC	
Power supply	Vdc	5	12	5	12
Current consumption	mA	20 (10W)	825 (10.3W)	20 (10W)	825 (10.3W)
Total power	W	2.5			
Operating temperature	°C	0-45			

MODEL		SAC 8000	SHA 8000
Reference		35081	35083
No. of inputs		4	1
Frequency band	MHz	47-862	
Input impedance	Ohm	75	
Gain	dB	43	
Control	dB	20	
Noise figure	dB	7	
IM3 output level (-60 dBc DIN 45004B)	dBμV	120	
Output level stability	dB	± 2	
Packaging dimensions	mm	265 x 195 x 40	
Weight	kg	1.25	

EXAMPLE

Reference	Model	UN
86471	FMF 1712	1
08275	STT-TWIN-CI 8000	6
68000	SPS 8000	1
35083	SHA 8000	1
83814	PMD 800	6
83807	BA 807	1
83805	BST 807	1

Transmodulator headend with 12 DVB-T multiplexes at the output. Inserting a multswitch between the LNBs and the headend allows each module to select any of the transponders available on the four satellites (16 polarities) to which the satellite dishes are pointed.

