

SAE amplifiers

EXTENSION AMPLIFIERS

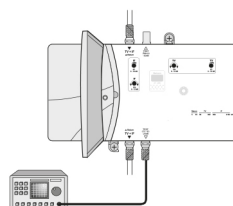
2150 MHz amplifiers with return path. TV terrestrial and IF satellite distribution signals. SAE-920 (two outputs).

APPLICATION

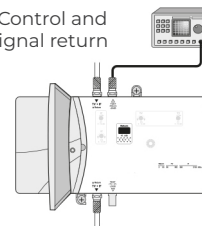
- Distribution of terrestrial TV, satellite IF and multimedia signals.
- 1 RF input - 1 RF output.
- Terrestrial and satellite frequencies amplified separately.
- Passive or active return path, with respective 35/45 MHz or 65/86 MHz splits.
- Attenuation and equalization adjustments of TV and IF signals by potentiometer.
- Zinc alloy housing with protective cover. F connectors. Wall fixing. Indoor mounting.



Output signal adjustment



Output Control and Adjust signal return



MODEL			SAE-912
Reference			3500
Powering mode			Red
Bandwidth	Terrestrial (TV) Satellite (BIS) Return	MHz	45 - 862,950 - 2150, 5 - 35 (vía pasiva)
Terrestrial path (TV)			
Response flatness	dB		± 1.5
Nominal gain	dB		35
Variable interstage attenuator	dB		0 - 18
Slope control range	dB		0 - 18
Noise figure	dB		≤ 8
Output level (DIN 45004B -60dB)	dBμV		118
Output level (CTB, CSO -60dB, EN 42 ch)	dBμV		102
Output test	dB		-20 ± 1.5
Satellite path (IF)			
Response flatness	dB		± 2
Nominal gain	dB		40
Variable interstage attenuator	dB		0 - 18
Slope control range	dB		0 - 12
Noise figure	dB		≤ 6
Output level (EN 50083 -35dB)	dBμV		120
Return path			
Nominal gain	dB		-2,5
Selectable attenuation	dBμV		—
Max RF input level	dBμV		—
Noise figure	dB		—
Output level (DIN 45004B -60dB)	dBμV		—
General			
Mains supply voltage (50/60 Hz)	VAC		230 - 240
Consumption	W		8,5
Dimensions	mm		8222 x 140 x 44