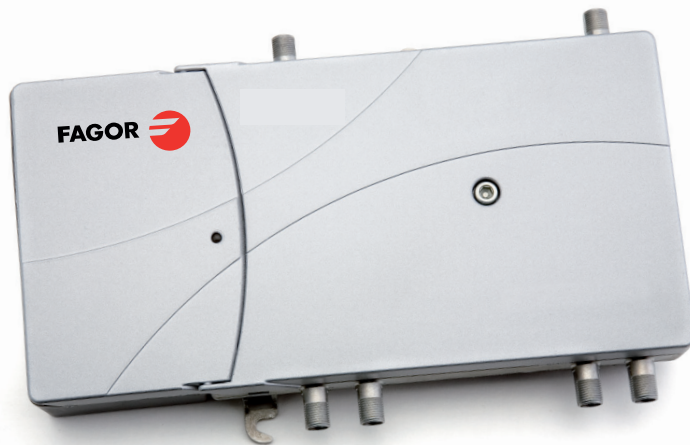


Extension amplifiers

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



SAE-912



SAE-920



2 models 1 outputs: TV+FI
1 model 2 outputs: TV+FI 1 ; TV+FI 2



Terrestrial and Satellite output

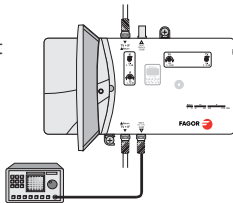


Outputs test

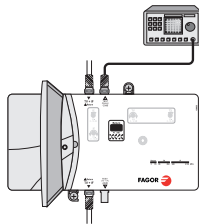
MODELO			SAE-912	SAE-916
REF.			3500	3503
Powering mode			Mains	
Bandwidth	Terrestrial (TV)	MHz	45 - 862	86 - 862
	Satellite (BS) Return		950 - 2150	950 - 2150
			5 - 35 (passive path)	5 - 65 (Active path)
Terrestrial path (TV)				
Response flatness		dB	1,5	
Nominal gain		dB	35	
Variable interstage attenuator		dB	0 - 18	
Noise figure		dB	≤ 8	
Output level (DIN 45004B -60dB)		dBμV	118	
Output level (CTB,CSO -60dB, EN 42ch)		dBμV	102	
Satellite path (IF)				
Response flatness		dB	± 2	
Nominal gain		dB	40	
Noise figure		dB	≤ 6	
Output level (DIN 50083 -35dB)		dBμV	120	
Return path				
Nominal gain		dB	-2,5	12
Max. RF input level		dBμV	—	98
Output level (DIN 45004B -60dB)		dBμV	—	110
General				
Operating temperature		°C	-10 ... +55	
Main supply voltage (50/60 Hz)		VAC	230 - 240	230 - 240
Consumption		W	8,5	9
Dimensions		mm	222 x 140 x 44	

- Distribution of terrestrial TV, satellite IF and multimedia signals
- 1RF 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



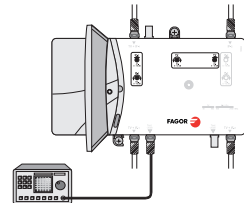
Output control and Adjust signal return



MODELO			SAE-920
REF.			3507
Modo de alimentación			Red
Frecuencias de entrada	Terrestre (TV)	MHz	45 - 862
	Satélite (FI-1) Satélite (FI-2)		950 - 2150
			950 - 2150
Entradas RF			2 (TV+FI-1 ; FI-2)
Salidas RF			2 (TV+FI-1 ; TV+FI-2)
Terrestrial path (TV)			
Response flatness		dB	± 1,5
Variable interstage attenuator		dB	0 - 18
Noise figure		dB	≤ 8
Nominal gain		dB	35
Output level (DIN 4 004 -60dB)		dBμV	118
Output level (CTB ISO -60dB EN 42ch)		dBμV	102
Output test		dB	-20 ± 1,5
Satellite path FI-1 y FI-2			
Nominal gain		dB	40
Noise figure		dB	≤ 6
Output level (DIN 50083 -35dB)		dBμV	120
General			
Operating temperature Main		°C	-10 ... +55
supply voltage (50/60 Hz)		VAC	110 - 240
Consumption		W	15
Dimensione		mm	222 x 140 x 44

- Application in collective installations with two download distribution cables carrying 2 satellite IF and 1 terrestrial TV signals.
- 1 TV + IF-1 input — 1 IF-2 input
1 TV + IF-1 output — 1 TV + IF-2 output
- Separated amplification paths for TV, IF-1 and IF-2 signals, each including attenuation and equalization adjustment potentiometers.
- GaAs-MESFET technology used for terrestrial amplifications..
- External 75Ω outputs test ports.
- Zinc alloy housing with protective cover. F connectors. Wall fixing. Indoor mounting.

Output signal adjustment TV+IF-1



Output signal adjustment TV+IF-2

