

AFI-190 Amplifiers

FI-SAT Standalone Amplifier/Coupler
Equipment for amplifying a satellite polarisation

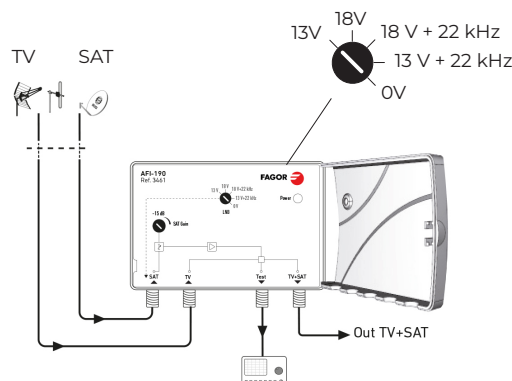
FEATURES

- 1 satellite input 950–2450 MHz, satellite gain adjustment potentiometer;
- 1 terrestrial input 5–790 MHz;
- 1 Satellite+Terrestrial output;
- 1 output test socket.
- LNB remote power supply. Voltage/tone injection for polarity and band selection via rotary switch.
- Universal AC mains power supply. Class II electrical safety protection. Mains cable with two-pin plug.
- Plastic housing with protective cover. F connectors.
- Indoor mounting using a mounting bracket for easy wall mounting.



Installation example

LNB power supply



MODEL		AFI-190
Reference		3461
TV Band	MHz	5 - 790
SAT band	MHz	950-2450
Inputs (TV and SAT)		2
Output (TV+SAT)		1
TV+SAT output test	dB	-30
TV gain (passive)	dB	-1
SAT gain	dB	> 34
Adjustable SAT attenuation	dB	0 - 15
Output level (IMD3 -35 dB, EN 50083-3)	dBμV	120
Input/output return loss	dB	≥ 6
Noise figure	dB	< 8
Mains voltage	VAC	100 - 240
Control mode		Switched mode
Voltage/Tone injectable at SAT input gate		0 V; 13 V + 22 kHz; 18 V + 22 kHz; 18 V; 13 V
Max. remote power supply current LNB	mA	200 (+13 VDC / +18 VDC)
Power consumption	W	< 6
Dimensions	mm	120 x 85 x 50