

AMP435SA ABLA

Head amplifier

Head amplifier with 4 satellite inputs, A.B.L.A. technology and output level adjustment.



Technical Chars

- **Output level adjustment with ABLA technology** for each Satellite input.
- Thanks to **A.B.L.A. (Automatic Building Level Adjustment) technology**, the amplifier maintains the set output level even when the input signal strength varies.
- **A.B.L.A. LEDs** light up when the automatic output signal adjustment is working properly; if the input level is too low, the LED goes out and the product behaves like a normal fixed-gain Satellite amplifier (36dB).
- High Satellite output level (121dB μ V) and excellent separation between inputs (35dB).
- Powered remotely via Satellite 1 (VL), 2 (HL) and 3 (VH) lines or by **DC connector** on the side of the mechanism.
- DC pass-through on Satellite HH line.
- Voltage passage from DC port downwards **protected against overloads** and controlled by **dip switch** located on the side of the mechanism.
- **Double power supply port** to offer greater robustness to the system.
- **Current overload protection** on the DC port.
- Ideal for medium and large installations or where there are long distances between multiswitches.
- Easy to install thanks to **new trimmers** and standard input colouring.
- **External power supply PSU1430F (14V, 3A) included in the package**

AMP435SA ABLA		
Code		271173
Inputs		4 SAT
Outputs		4 SAT
SAT		
Bandwidth	MHz	950-2150
Gain	dB	Self-adjusted A.B.L.A. 16-36
Slope	dB	6
AGC	dB μ V	It depends on the set output level: 65-85 @101dB μ V; 85-105 @121dB μ V
Max Output level	dB μ V	101-121
Return loss	dB	10

Consumption		
Power supply voltage	Vdc/A	220-240 / 50-60
Absorption	mA	550 @12V
Max current consumption LNB	mA	900
Maximum power supply current SAT	mA	2000
Specifications		
Dimensions power supply	mm	120 x 72 x 35
Operating temperature	°C	-10 to +55
SAT-SAT Isolation	dB	≥35
Dimensions and packaging		
Pieces		1
EAN code		8016978102129
Packaging dimensions	mm	234 x 166 x 45
Product dimensions	mm	160 x 110 x 30
Packaging weight	Kg	0.829