



TV-SAT in line amplifier with AGC remote power supplied WIDEBAND series

art. 15-786 WIDEBAND LIN 30 AGC

Indoor line amplifier, ideal for amplifying TV-SAT signals to compensate for system losses. It manages TV frequencies in the range from 87 MHz to 862 MHz and Wideband SAT frequencies in the range from 290 MHz to 2340 MHz.

Equipped with two SAT inputs and one TV input and two SAT outputs and one TV output. Automatic Gain Control (AGC) on each input and Automatic Slope Adjustment (ASC) on SAT inputs only. For the power supply required by the amplifier and the LNB, an external power supply (not included) must be used to be connected to the dedicated connector or to the in/out SAT connectors. It is connected to the backbone.

Realized in a shielded housing with F-type screw connectors.

It is compatible with all devices (eg. LNBs, multiswitches, etc.) that operate with Wideband or Legacy signals, because it is equipped with a switch that allows the selection of the technology to be used.

Characteristics

- Automatic Gain Control (AGC)
- Automatic Slope Adjustment (ASC)

- Shielded housing
- Screw F-type connectors

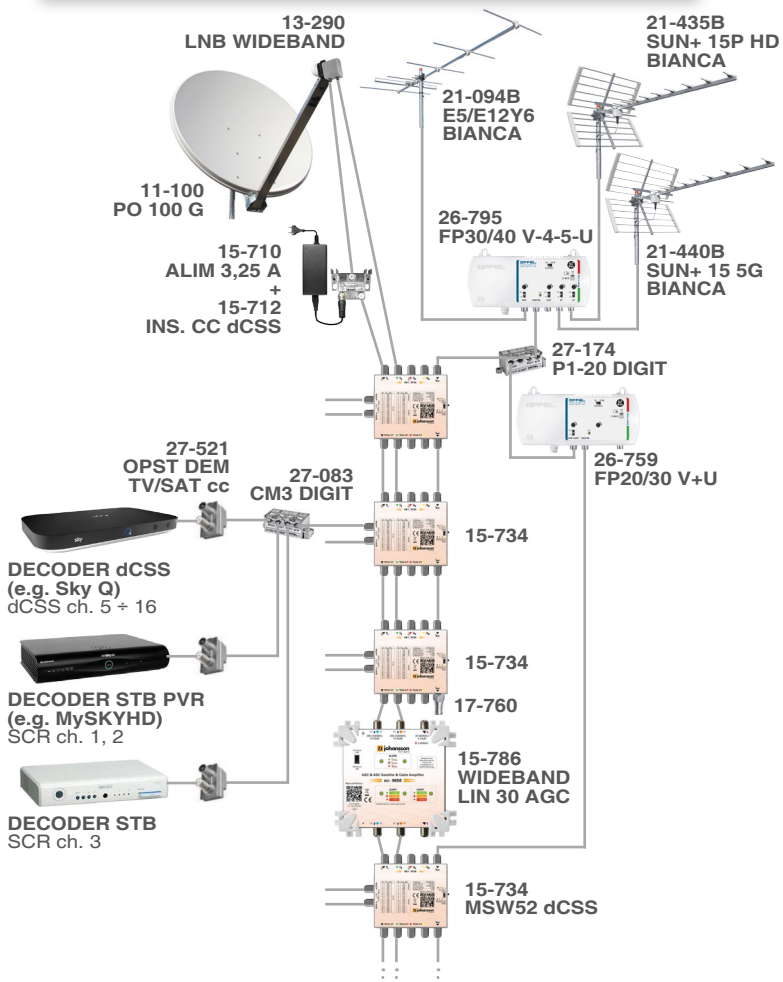
Code	15-786	
Item	WIDEBAND LIN 30 AGC	
No. TV inputs	1	
No. TV outputs	1	
No. SAT inputs	2 (H and V)	
No. SAT outputs	2 (H and V)	
TV frequencies range	MHz	87 ÷ 862 + 5 ÷ 65 (Ch. R)
SAT TV frequencies range	MHz	Wideband: 290 ÷ 2400 Legacy: 950 ÷ 2150
TV gain	dB	5 ÷ 25
SAT gain	dB	10 ÷ 30
AGC gain adjustment	dB	0 ÷ 20
Slope adjustment (ASC)	dB	0 ÷ 15
TV max output voltage*	dBµV	105
SAT max output voltage*	dBµV	113
Noise figure	dB	5
Current passing @ 12-20Vdc	mA	400
Remote supply voltage	Vcc	20
Dimensions (LxWxH)	mm	140x130x50
Operating temperature	°C	-10 ÷ +55
Compliant to	EN 55083-2, EN 60065	

* Maximum output level measured with the method IM3 -35dBc 2 tones.
Technical data refer to a temperature of 25 °C

Packaging		
Packaging dimensions (LxWxH)	mm	270x150x62
Packaging weight	Kg	0,406



Example of application



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