## Data sheet









## Outdoor multiband amplifier 12÷15V

broadband inputs LX series

art. 24-235/40-42 LX2/20 V+4-5























This amplifier is designed to optimize the amplification of DTT signals in the range E05÷E12+E21÷E48, attenuating the 700 MHz band without preventing the proper functioning of the channel E48.

- The two inputs are so distributed:
- 1 VHF+4 band input;
- 1 band 5 input.

The band 5 input is equipped with a trimmer (0÷15 dB) as level regulator, while the VHF+4 band input is equipped with 2 resistive trimmers, one for the VHF band and another for the band 4.

Outdoor multiband amplifier with broadband inputs, indicated for single or small size TV systems.

Each input is equipped with a jumper (under the lid) to enable the remote power supply.

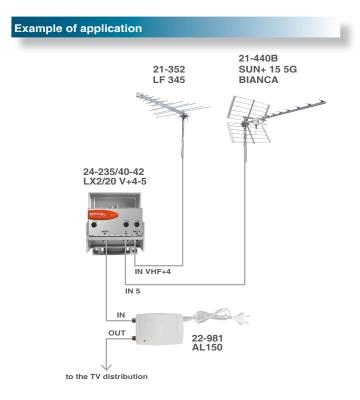
The band 4 includes up to E40 channel (630 MHz), while the band 5 includes from E42 channel to E48 channel (638÷694 MHz).

## Characteristics

- · Components with a high quality standard
- Shielded housing with screw F-type connectors
- Separate amplification for the VHF and UHF bands
- All broadband inputs are amplified
- Fixing accessory suitable for masts up to ø 60 mm included

Code		24-235/40-42
Item		LX2/20 V+4-5
No. of inputs		2
No. of adjustments (0÷15dB)		3
VHF band noise figure	dB	4
UHF band noise figure	dB	5
VHF band max output level*	dΒμV	110
UHF band max output level*	dΒμV	117
VHF+4 input gain	dB ±2	22 - 22
5 input gain	dB ±2	22
Absorbed current	mA	100
Supply voltage	Vdc	12÷15
Dimensions (LxWxH)	mm	87x48x105
Packaging dimensions (LxWxH)	mm	110x60x120
Packaging weight	Kg	0,21
Fit temperature	°C	-10 ÷ +55
Compliant to EU directives		2014/53/UE, 2011/65/UE

 $<sup>^{\</sup>star}$  Maximum output level measured with the method IM3 -35dBc 2 tones. Technical data refer to a temperature of 25  $^{\circ}\text{C}$ 



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