# Data sheet







### Outdoor multiband amplifier 12+15V broadband inputs LX series

## art. 24-315/40-42 LX2/30 V+4-5

Outdoor multiband amplifier with broadband inputs, indicated for small/medium size TV systems. 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.

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

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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

No. of adjustments (0÷15dB)

VHF band max output level\*

UHF band max output level\*

Packaging dimensions (LxWxH)

Technical data refer to a temperature of 25 °C

Compliant to EU directives

VHF band noise figure

UHF band noise figure

VHF+4 input gain

Absorbed current

Packaging weight

Fit temperature

Supply voltage Dimensions (LxWxH)

5 input gain

Code

Item No. of inputs

- · Components with a high guality standard
- Shielded housing with screw F-type connectors
- Separate amplification for the VHF and UHF bands •

dB

dB

dBµV

dBµV

dB ±2

dB ±2

mA Vdc

mm

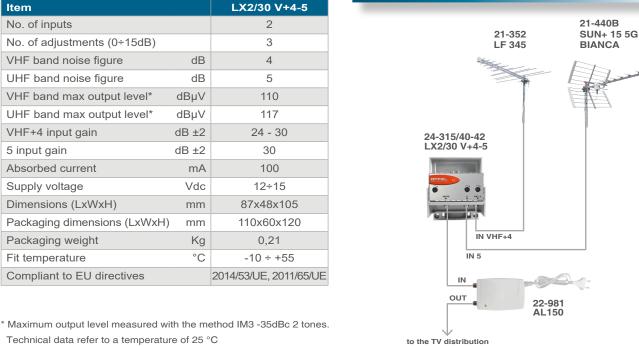
mm

Kg

°C

- All broadband inputs are amplified
- Fixing accessory suitable for masts up to ø 60 mm included

### Example of application



RED<sup>())</sup> DTT UTDOO HIGH HIELDING SI CONN. F REG. max Ø60 mm 30 dB ſF



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