Data sheet







Outdoor multiband amplifier 12+15V broadband inputs LX series

art. 24-221/34-36 LX2/15 V+4-5

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

24-221/34-36

2

3

4 5

106

115

15

70

The band 4 includes up to E34 channel (582 MHz), while the band 5 includes from E36 channel to E48 channel (590÷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

mΑ Vdc

mm

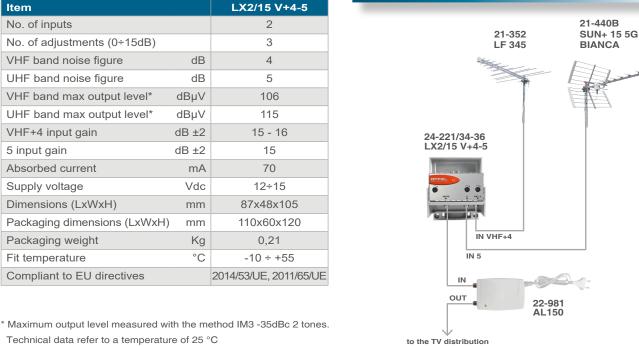
mm

Kg

°C

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

Example of application





Rev. 1 09.2022



Offel s.r.l.

