Data sheet









Outdoor multiband amplifier 12÷15V

broadband inputs LX series

art. 24-221/40-42 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.

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

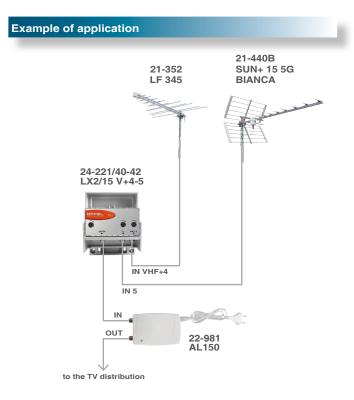
Characteristics

Offel s.r.l.

- · 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		24-221/40-42
Item		LX2/15 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	106
UHF band max output level*	dΒμV	115
VHF+4 input gain	dB ±2	15 - 16
5 input gain	dB ±2	15
Absorbed current	mA	70
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

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



Rev. 1 09.2022

