Data sheet







Outdoor multiband amplifier 12÷15V

broadband inputs LX series

art. 24-230/40-42 LX4/15 V-4-5-U

























This amplifier is designed to optimize the amplification of DTT signals in the range E05÷E12+E21÷E48,

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

attenuating the 700 MHz band without preventing the proper functioning of the channel E48.

The four inputs are so distributed:

- 1 VHF band input;
- 1 band 4 input;
- 1 band 5 input;
- 1 UHF band input.

Each input is equipped with a trimmer (0÷15 dB) as level regulator and a jumper to enable the remote power supply. The jumpers are located under the lid.

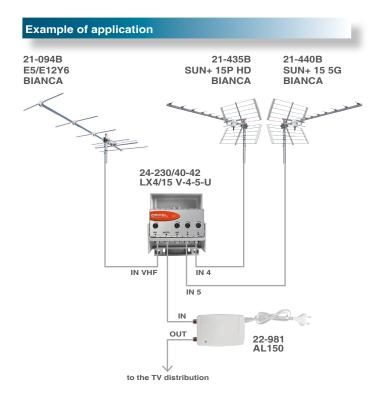
The band 4 includes up to E40 channel (630 MHz), while the band 5 includes from E42 channel to E48 channel (638÷694 MHz).

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		24-230/40-42
Item		LX4/15 V-4-5-U
No. of inputs		4
No. of adjustments (0÷15dB)		4
VHF band noise figure	dB	4
UHF band noise figure	dB	8
VHF band max output level*	dΒμV	106
UHF band max output level*	dΒμV	115
VHF input gain	dB ±2	15
4 input gain	dB ±2	12
5 input gain	dB ±2	11
UHF input gain	dB ±2	11
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

