



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

**art. 24-227**  
**LX3/15 V-U-U**



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 three inputs are so distributed:

- 1 VHF band input;
- 2 UHF band inputs.

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.

### 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                         |       | 24-227                 |
|------------------------------|-------|------------------------|
| Item                         |       | LX3/15 V-U-U           |
| No. of inputs                |       | 3                      |
| No. of adjustments (0÷15dB)  |       | 3                      |
| VHF band noise figure        | dB    | 4                      |
| UHF band noise figure        | dB    | 8                      |
| VHF band max output level*   | dBμV  | 106                    |
| UHF band max output level*   | dBμV  | 115                    |
| VHF input gain               | dB ±2 | 15                     |
| UHF inputs gain              | dB ±2 | 13                     |
| 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

### Example of application

