





## Outdoor TV amplifier

with amplified channel input 2U K series

**art. 23-033**  
**2U10K PLUS 1Can.U-MIX LB**

Outdoor TV amplifier with an amplified channel input which allows to receive a channel from a direction and combine it with the other muxes coming from another direction.  
 Ideal for those areas where  mux (ch. E25) is received from a different direction than the other muxes of band 4 (e.g.  ch. E26, E30, E40 and regional channel).

Characterized by a filtered and amplified channel input for the reception of an UHF channel (e.g. ch. E25) and corresponding trap on the LB input to block the interfering signal.

The trap is realized to avoid that adjacent channels (ch. E24 and E26) are subject to deterioration. The presence of three resonant cavities (instead of two) makes the channel filter more selective.

The LB input includes from E05 channel (174 MHz) up to E48 channel (694 MHz) included, attenuating the 700 MHz band without preventing the proper functioning of the channel E48.

The signals received on the broadband input are not amplified.

Each of the two inputs is equipped with a switch to enable remote power supply.

On demand, available with a coaxial attenuator as level regulator on one or both input connectors (require respectively variant A1 or A2).

When ordering you must specify the desired UHF channel (e.g. ch. E25) and, if you require variant A1, on which input apply it.



### Characteristics

- The channel input is amplified
- Channel filter with three resonant cavities
- Corresponding trap on broadband input
- Shielded housing with screw F-type connectors
- Using slide switches, a remote power supply can be provided on input connectors

Code	23-033	
Item	2U10K PLUS 1Can.U-MIX LB	
No. of amplified inputs	1	
No. of passive inputs	1	
UHF channels gain	dB	7÷9
Max output level*	dBµV	117
LB input insertion loss	dB	< 4
Channel bandwidth	MHz	8
Channel selectivity	dB	> 24
Absorbed current	mA	40
Power supply	Vdc	12÷15
Dimensions (LxWxH)	mm	142x60x130
Packaging dimensions (LxWxH)	mm	145x140x60
Packaging weight	Kg	0,52
Fit temperature	°C	-10 ÷ +55

Compliant to EN 55083-2, EN 60065

\* Maximum output level measured with the method IM3 -35dBc 2 tones.

Technical data refer to a temperature of 25 °C

### Example of application

