



Outdoor multiband amplifier 12÷15V broadband and channel inputs LCK series

art. 24-202 LCK2/30 3+4+1Can.U-5



Outdoor multiband amplifier with broadband and channel inputs, indicated for medium size TV systems, ideal to receive:

- from one direction, the channels of band 3, band 4 plus one band 5 channel (e.g. ch. 40);
- from a second direction, all band 5 channels except the one received on the other input.

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 band 3 + band 4 + 1 band UHF channel input;
- 1 band 5 input.

Each input is equipped with a coaxial attenuator (0÷20 dB) as level regulator and a switch to enable remote power supply, with the exception of 3+4+1Can.U input which is equipped with three coaxial attenuators (1 for the band 3, 1 for the band 4 and 1 for the band 5 channel).

Created with calibration on request. When ordering you must specify:

- the last channel of the band 4 and the first of the band 5;
- the band 5 channel which you want to be included in 3+4+1Can.U input.

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	24-202	
Item	LCK2/30 3+4+1Can.U-5	
No. of inputs	2	
No. of adjustments (0÷20 dB)	4	
VHF band noise figure	dB	4
UHF band noise figure	dB	5
VHF band max output level*	dBμV	114
UHF band max output level*	dBμV	123
Band 3+4+Ch. gain	dB ±2	32 - 32 - 32
Band 5 gain	dB ±2	32
Absorbed current	mA	180
Supply voltage	Vdc	12÷15
Dimensions (LxWxH)	mm	142x60x130
Packaging dimensions (LxWxH)	mm	145x60x140
Packaging weight	Kg	0,5
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

