



Outdoor multiband amplifier 12V broadband and channel inputs ACK series

art. 28-088
ACK3/30 3-4+1Can.U-5 12V

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

- from one direction, the channels of 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 three inputs are so distributed:

- 1 band 3 input;
- 1 band 4 + 1 band 5 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 4+1Can.U input which is equipped with two coaxial attenuators (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 4+1Can.U input.



Characteristics

- Shielded housing with screw F-type connectors
- Separate amplification for the 3 and UHF bands
- All broadband inputs are amplified
- Fixing accessory suitable for masts up to Ø 60 mm included

Code	28-088
Item	ACK3/30 3-4+1Can.U-5 12V
No. of inputs	3
No. of adjustments (0÷20 dB)	4
band 3 noise figure	4
UHF band noise figure	5
band 3 max output level*	114
UHF band max output level*	123
3 input gain	32
4+Can. input gain	32-32
5 input gain	32
Absorbed current	180
Supply voltage	12
Dimensions (LxWxH)	142x60x130
Packaging dimensions (LxWxH)	145x60x140
Packaging weight	0,5
Fit temperature	-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

