



Outdoor multiband amplifier 12V broadband and channel inputs CFK series

art. 28-180
CFK3/20 3-4+1Can.U-5 12V



Indoor multiband amplifier with broadband and channel inputs, indicated for small 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.

Equipped with a switching power supply unit.

Characteristics

- Shielded housing with screw F-type connectors
- Protection system against short circuits
- All broadband and channel inputs are amplified
- Separate amplification for the 3 and UHF bands

Code	28-180
Item	CFK3/20 3-4+1Can.U-5 12V
No. of inputs	3
No. of adjustments (0÷20 dB)	4
band 3 noise figure	dB
UHF band noise figure	dB
band 3 max output level*	dBμV
UHF band max output level*	dBμV
3 input gain	dB ±2
4+Can. input gain	dB ±2
5 input gain	dB ±2
Max delivered current	mA
Remote power supply	Vdc
Max power consumption	VA
AC main tension	230 V~ ±10% 50Hz
Isolation class	II
Dimensions (LxWxH)	mm
Packaging dimensions (LxWxH)	mm
Packaging weight	Kg
Fit temperature	°C
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

