Data sheet







Indoor multiband amplifier 12V

broadband inputs CF series

art. 28-109 CF20 V-4-5-U 12V

























Indoor multiband amplifier with broadband inputs, indicated for 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 four inputs are so distributed:

- 1 VHF band input;
- 1 band 4 input;
- 1 band 5 input;
- 1 UHF band input.

Each input is equipped with a coaxial attenuator (0÷20 dB) as level regulator and a switch to enable remote power supply.

Created with calibration on request. When ordering you must specify the last channel of the band 4 and the first of the band 5.

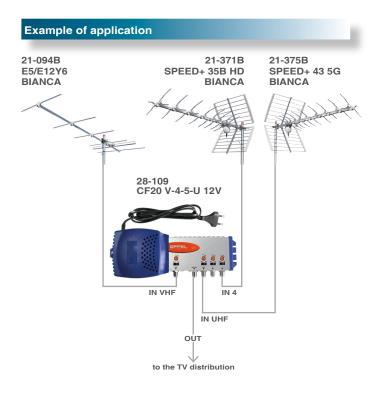
Equipped with a switching power supply unit.

Characteristics

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

Code		28-109
Item		CF20 V-4-5-U 12V
No. of inputs		4
No. of adjustments (0÷20 dB)		4
VHF band noise figure	dB	4
UHF band noise figure	dB	8
VHF band max output level*	dΒμV	113
UHF band max output level*	dΒμV	121
VHF input gain	dB ±2	23
4 input gain	dB ±2	25
5 input gain	dB ±2	25
UHF input gain	dB ±2	25
Max delivered current	mA	100
Remote power supply	Vdc	12
Max power consumption	VA	16
AC main tension		230 V~ ±10% 50Hz
Isolation class		II
Dimensions (LxWxH)	mm	244x100x60
Packaging dimensions (LxWxH)	mm	255x110x68
Packaging weight	Kg	0,51
Fit temperature	°C	-10 ÷ +55
Compliant to EU directives		2014/53/UE, 2011/65/UE

 $^{^{\}star}$ Maximum output level measured with the method IM3 -35dBc 2 tones. Technical data refer to a temperature of 25 $^{\circ}\text{C}$



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