Data sheet









Indoor multiband amplifier 12V

broadband inputs CF series

art. 28-139/34-36 CFP40 V-4-5-U 12V



























Indoor multiband amplifier with broadband inputs, indicated for large 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.

The band 4 includes up to E34 channel (582 MHz), while the band 5 includes from E36 channel to E48 channel (590÷694 MHz).

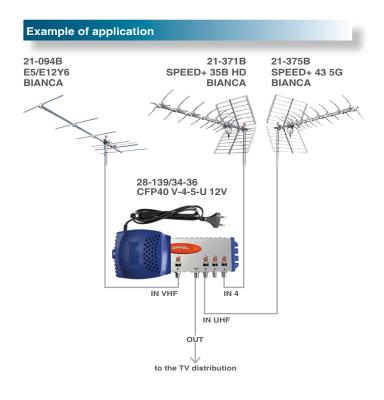
Equipped with a switching power supply unit.

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		28-139/34-36
Item		CFP40 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	118
UHF band max output level*	dΒμV	128
VHF input gain	dB ±2	38
4 input gain	dB ±2	35
5 input gain	dB ±2	35
UHF input gain	dB ±2	35
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

^{*} Maximum output level measured with the method IM3 -35dBc 2 tones. Technical data refer to a temperature of 25 °C



Rev. 2 09.2022

