



Indoor multiband amplifier 12V broadband inputs CF series

art. 28-115
CF30 V-U-U 12V



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

- 1 VHF band input;
- 2 UHF band inputs.

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

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	28-115
Item	CF30 V-U-U 12V
No. of inputs	3
No. of adjustments (0÷20 dB)	3
VHF band noise figure	dB
UHF band noise figure	dB
VHF band max output level*	dBμV
UHF band max output level*	dBμV
VHF input gain	dB ±2
UHF inputs 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

