



Indoor multiband amplifier with high output level FUSION FB series

**art. 26-498
FB3/35 4-5-U**

Indoor multiband amplifier with high output level, with broadband inputs, indicated for medium size TV systems.

This amplifier is designed to optimize the amplification of DTT signals in the range E21÷E48, attenuating the 700 MHz band without preventing the proper functioning of the channel E48.

Protection system against short circuits with LED notification.
With three inputs, an output and a monitor output (- 30 dB).

The three inputs are so distributed:

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

Each input is equipped with a coaxial attenuator for the gain adjustment (0÷20 dB) and a switch to enable remote power supply.

Shielded die-casting metal housing with screw F-type connectors.

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



Characteristics

- Components with a high quality standard
- High output level

Code	26-498
Item	FB3/35 4-5-U
No. of inputs	3
No. of adjustments	3
Noise figure	7 dB
Max output level*	125 dBμV
4 input gain	35 dB ±2
5 input gain	35 dB ±2
UHF band gain	36 dB ±2
Max delivered current	70 mA @ 12Vdc
Remote power supply	12 Vdc
Max power consumption	16 VA
AC main tension	230 V~ ±10% 50Hz
Isolation class	II
Dimensions (LxWxH)	245x150x50 mm
Packaging dimensions (LxWxH)	300x162x58 mm
Packaging weight	1,37 Kg
Fit temperature	-10 ÷ +55 °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

