Data sheet







Indoor multiband amplifier

with high output level FUSION FB series











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.



















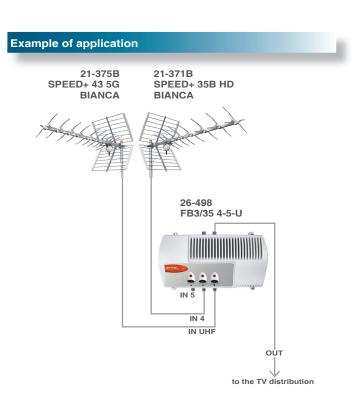
Characteristics

· 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	dB	7
Max output level*	dΒμV	125
4 input gain	dB ±2	35
5 input gain	dB ±2	35
UHF band gain	dB ±2	36
Max delivered current	mA	70 @ 12Vdc
Remote power supply	Vdc	12
Max power consumption	VA	16
AC main tension		230 V~ ±10% 50Hz
Isolation class		II
Dimensions (LxWxH)	mm	245x150x50
Packaging dimensions (LxWxH)	mm	300x162x58
Packaging weight	Kg	1,37
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



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