## Data sheet







## Indoor multiband amplifier

with high output level FX series









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

This amplifier is designed to optimize the amplification of DTT signals in the range E02÷E60, attenuating the LTE 800 MHz band without preventing the proper functioning of the channel E60.

Protection system against short circuits with LED notification.

With GSM trap, FM frequencies trap and radio amateur frequencies trap (35 dB Typ.).

Realized into fully shielded die cast metal housing with F connectors.

With an output and a monitor output (- 30 dB).

Each input is equipped with a coaxial attenuator (0÷20 dB) as level regulator and a switch to enable remote power supply (12 or 15 Vdc).

The band 3 includes up to S32 channel (398 MHz), with the exception of FM signals.

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
- Shielded die cast metal housing with screw F-type
- Protection system against short circuits with LED notification
- GSM trap, FM frequencies trap and radio amateur frequencies trap (35 dB Typ.)
- 12 or 15 Vdc remote power supply
- Separate amplification for the VHF and UHF bands

















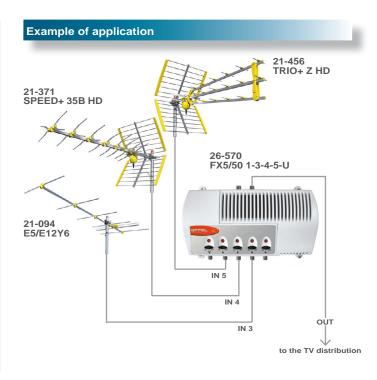






Code		26-570
Item		FX5/50 1-3-4-5-U
No. of inputs		5
No. of coaxial attenuators (0÷20	dB)	5
VHF band noise figure	dB	4
UHF band noise figure	dB	8
VHF band max output level*	dΒμV	121
UHF band max output level*	dΒμV	131
Band 1 gain	dB ±2	47
Band 3 gain	dB ±2	48
Band 4 gain	dB ±2	50
Band 5 gain	dB ±2	50
UHF band gain	dB ±2	51
Max delivered current	mA	100
Remote power supply	Vdc	12 or 15
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		EN 55083-2, EN 60065

<sup>\*</sup> Maximum output level measured with the method IM3 -35dBc 2 tones. Technical data refer to a temperature of 25 °C



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