# Data sheet

# Indoor multiband amplifier
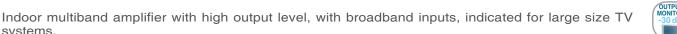## with high output level FX series

## art. 26-530/34-36
## FX5/30 1-3-4-5-U

Lte ready
DTT
CAST PRODUCT
OUTPUT MONITOR -30 dB
230 V~
INDOOR
HIGH SHIELDING
CONN. F
REG.
30 dB
>50 PRESE

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.

The band 4 includes up to E34 channel (582 MHz), while the band 5 includes from E36 channel to E60 channel (590÷790 MHz).

## Characteristics

- Components with a high quality standard
- Shielded die cast metal housing with screw F-type connectors
- 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
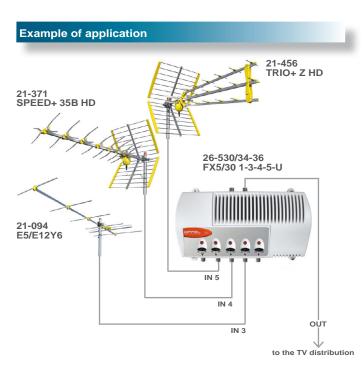- Separate amplification for the VHF and UHF bands

CE

| Code | | 26-530/34-36 |
|---|---|---|
| Item | | FX5/30 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* | dBµV | 121 |
| UHF band max output level* | dBµV | 131 |
| Band 1 gain | dB ±2 | 29 |
| Band 3 gain | dB ±2 | 29 |
| Band 4 gain | dB ±2 | 30 |
| Band 5 gain | dB ±2 | 30 |
| UHF band gain | dB ±2 | 32 |
| 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 |

* Maximum output level measured with the method IM3 -35dBc 2 tones.

Technical data refer to a temperature of 25 °C

### Example of application



21-456
TRIO+ Z HD

21-371
SPEED+ 35B HD

26-530/34-36
FX5/30 1-3-4-5-U

21-094
E5/E12Y6

IN 5
IN 4
IN 3
OUT
to the TV distribution