



## Indoor multiband amplifier with high output level FUSION FK series

### art. 26-480 FK4/40 1-3-4+1Can.U-5

Indoor multiband amplifier with high output level with broadband and channel inputs, indicated for medium/large size TV systems, ideal to receive:

- from one direction, the channels of band 4 plus one band 5 channel (e.g. ch. 40);
- from a second direction, all band 5 channels except the one received on the other input.

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.

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

The four inputs are so distributed:

- 1 band 1 input;
- 1 band 3 input;
- 1 band 4 + 1 band 5 channel input;
- 1 band 5 input.

Each input is equipped with a coaxial attenuator (0÷20 dB) as level regulator and a switch to enable remote power supply, with the exception of 4+1Can.U input which is equipped with two coaxial attenuators (1 for the band 4 and 1 for the band 5 channel).

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;
- the band 5 channel which you want to be included in 4+1Can.U input.

#### Characteristics

- Components with a high quality standard
- High output level
- Separate amplification for VHF and UHF bands

Code	26-480
Item	FK4/40 1-3-4+1Can.U-5
N. of inputs	4
N. of adjustments	5
VHF band noise figure	dB 4
UHF band noise figure	dB 5
VHF band max output level*	dBμV 121
UHF band max output level*	dBμV 127
1 input gain	dB ±2 39
3 input gain	dB ±2 39
4 + Ch. input gain	dB ±2 39 - 41
5 input gain	dB ±2 40
Max delivered current	mA 100
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

#### Example of application

