



Indoor multiband amplifier with high output level FUSION F series

art. 26-465
F3/50 V-U-U

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

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 three inputs, an output and a monitor output (-30 dB).

The three inputs are so distributed:

- 1 VHF band input;
- 2 UHF band inputs.

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.



Characteristics

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

Code	26-465
Item	F3/50 V-U-U
N. of inputs	3
N. of adjustments	3
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 127
VHF band gain	dB ±2 48
UHF band gain	dB ±2 48
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

