



Indoor multiband amplifier broadband inputs Fusion Pro FP series

art. 26-790 FP30/40 V-U-U

Indoor multiband amplifier with broadband inputs, indicated 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.

Ideal for different system solutions thanks to a two-step selector that allows to set the maximum gain on the UHF band at 30 or 40 dB.

The VHF band, instead, has a maximum gain of 32 dB.

The three inputs are so distributed:

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

Each input is equipped with a trimmer for the gain adjustment (VHF: 0÷20 dB; UHF: 0÷15 dB) and a switch to enable remote power supply.

Switching power supply unit with low consumption and protection system against short circuits.

Fully shielded die-casting metal housing with screw F-type connectors and small size sturdy case realized in low flame spread ABS plastic.



Characteristics

- 30 or 40 dB UHF band max gain selector
- High output level
- Separate amplification for VHF and UHF bands
- Components with a high quality standard

Code	26-790	
Item	FP30/40 V-U-U	
No. of inputs	3	
No. of adjustments	3	
VHF band noise figure	dB	6
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VHF band max output level*	dBμV	117
UHF band max output level*	dBμV	126
UHF BAND GAIN SELECTOR	30 dB	40 dB
VHF input max gain	dB ±2	32
UHF inputs max gain	dB ±2	30 40
Max delivered current	mA	100
Remote power supply	Vdc	12
Max power consumption	W	5,9
AC main tension	230 V~ ±10% 50Hz	
Isolation class	II	
Dimensions (LxWxH)	mm	152x45x100
Packaging dimensions (LxWxH)	mm	160x53x120
Packaging weight	Kg	0,375
Fit temperature	°C	0 ÷ +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

