# Data sheet







RED<sup>())</sup>

DTT

E 230 V~

REG.



# Indoor multiband amplifier

broadband inputs Fusion Pro FP series

## art. 26-775 FP20/30 V-4-5-U



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.

Indoor multiband amplifier with broadband inputs, indicated medium size TV systems.

Ideal for different system solutions thanks to a two-step selector that allows to set the maximum gain on the UHF band at 20 or 30 dB.

The VHF band, instead, has a maximum gain of 30 dB.

The four inputs are so distributed:

- 1 VHF band input;
- 1 band 4 input;
- 1 band 5 input;
- 1 UHF band input.

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.

It is created with calibration on request: when ordering you must specify the last channel of the band 4 and the first of the band 5.

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.

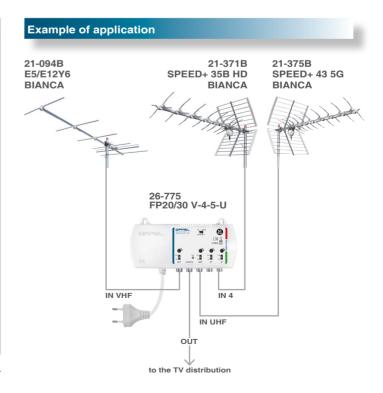
### **Characteristics**

- 20 or 30 dB UHF band max gain selector
- High output level

Code		26-775	
Item		FP20/30 V-4-5-U	
No. of inputs		4	
No. of adjustments		4	
VHF band noise figure	dB	6	
UHF band noise figure	dB	7	
VHF band max output level*	dΒμV	120	
UHF band max output level*	dΒμV	125	
UHF BAND GAIN SELECTOR		20 dB	30 dB
VHF input max gain	dB ±2	30	
4 input max gain	dB ±2	21	31
5 input max gain	dB ±2	21	31
UHF input max gain	dB ±2	21	31
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	

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

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





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