



## Outdoor multiband amplifier 12÷15V broadband inputs Fusion Pro FPE series

### art. 24-778 FPE30/40 U



Outdoor 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 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 UHF band input is equipped with a trimmer for the gain adjustment 0÷15 dB and a switch to enable remote power supply.

Fully shielded die-casting metal housing with screw F-type connectors and tilting mechanism for an easy cable connection. Sturdy waterproof case in ABS plastic with housing for the insertion of cables. Fixing accessory suitable for masts up to Ø 60 mm included.

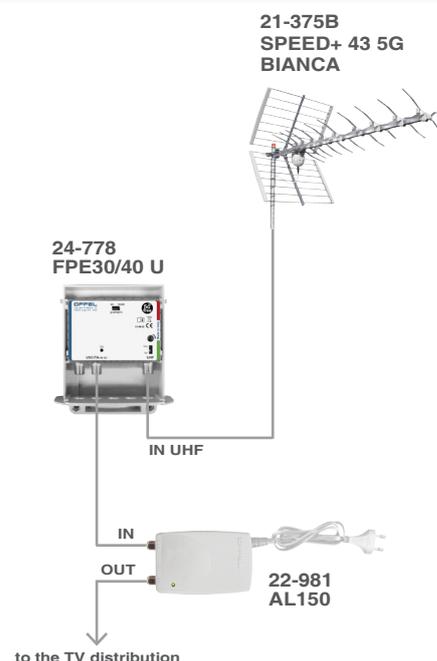
### Characteristics

- 30 or 40 dB band max gain selector
- High output level
- Components with a high quality standard

Code	24-778	
Item	FPE30/40 U	
No. of inputs	1	
No. of adjustments	1	
Noise figure	dB	5
Band max output level*	dBµV	126
<b>UHF BAND GAIN SELECTOR</b>	<b>30 dB</b>	<b>40 dB</b>
Max gain	dB ±2	30    40
Absorbed current	mA	160
Supply voltage	Vdc	12÷15
Dimensions (LxWxH)	mm	132x55x107
Packaging dimensions (LxWxH)	mm	115x55x135
Packaging weight	Kg	0,345
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



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