Data sheet









Indoor multiband amplifier

broadband inputs Fusion Pro FP series

art. 26-779 FP30/40 V+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.

Equipped with a single V+U input for the amplification of VHF and UHF bands.

The input is equipped with two trimmers for the gain adjustment, one for the VHF band (0÷20 dB) and another for the UHF band (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.

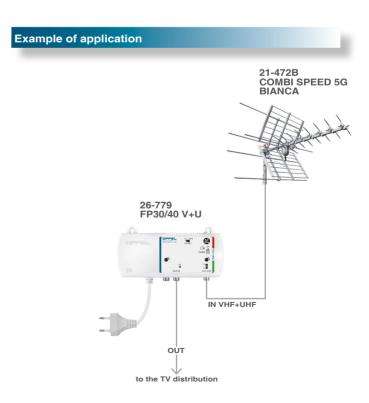
Characteristics

- 30 or 40 dB UHF band max gain selector
- · High output level

Code		26-779	
Item		FP30/40 V+U	
No. of inputs		1	
No. of adjustments		2	
VHF band noise figure	dB	7	
UHF band noise figure	dB	5	
VHF band max output level*	dΒμV	117	
UHF band max output level*	dΒμV	126	
UHF BAND GAIN SELECTOR		30 dB	40 dB
VHF band max gain	dB ±2	32	
UHF band 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

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



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