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

art. 24-759
FPE20/30 V+U

5G free

RED COMPLIANT

DTT

OUTDOOR

CAST PRODUCT

HIGH SHIELDING

CONN. F

REG.

max Ø60 mm

20/30 dB

20 PRESE MAX

CE

Outdoor multiband amplifier with broadband inputs, indicated medium 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 20 or 30 dB.
The VHF band, instead, has a maximum gain of 28 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.

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.
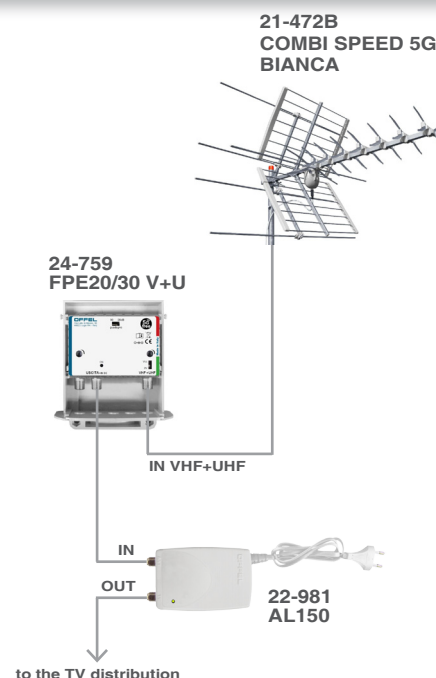Fixing accessory suitable for masts up to ø 60 mm included.

Characteristics

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

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

Code		24-759	
Item		**FPE20/30 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*	dBµV	120	
UHF band max output level*	dBµV	125	
UHF band gain selector		20 dB	30 dB
VHF band max gain	dB ±2	28	
UHF band max gain	dB ±2	23	33
Absorbed current	mA	200	
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

21-472B
COMBI SPEED 5G BIANCA

24-759
FPE20/30 V+U

IN VHF+UHF

IN

OUT

22-981
AL150

to the TV distribution