



Outdoor multiband amplifier 12÷15V broadband inputs Fusion Smart FCE series

**art. 24-818
FCE40 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 in case of signal fluctuation thanks to the Automatic Gain Control on UHF band which allows to maintain constant the output level.

Selector for setting the maximum UHF band output level: 114 or 124 dB μ V.

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 $\varnothing$ 60 mm included.

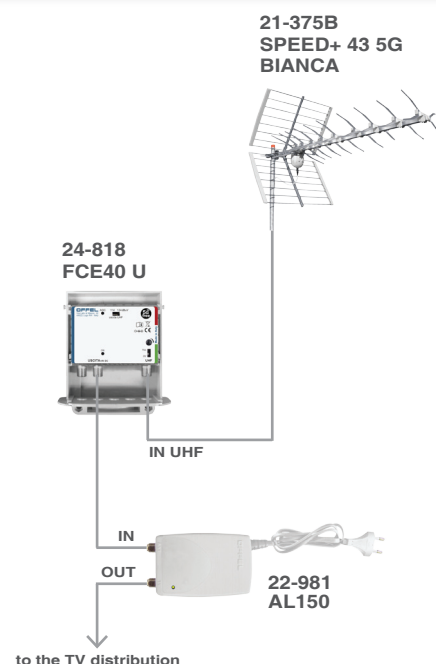
Characteristics

- Automatic Gain Control (AGC)
- Switch for setting the maximum output level in the UHF band 114 or 124 dB μ V
- High output level
- Components with a high quality standard

Code	24-818
Item	FCE40 U
No. of inputs	1
No. of adjustments	1
Noise figure	5
Max output level*	114 o 124
Max gain	40
AGC range	20
Absorbed current	140
Supply voltage	12÷15
Dimensions (LxWxH)	132x55x107
Packaging dimensions (LxWxH)	115x55x135
Packaging weight	0,345
Fit temperature	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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