



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

art. 24-828
FCE40 U-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 dBμV.

The two UHF band inputs, 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

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

Code	24-828
Item	FCE40 U-U
No. of inputs	2
No. of adjustments	2
Noise figure	dB
Max output level*	dBμV
Max gain	dB ±2
AGC range	dB
Absorbed current	mA
Supply voltage	Vdc
Dimensions (LxWxH)	mm
Packaging dimensions (LxWxH)	mm
Packaging weight	Kg
Fit temperature	°C
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

