



Indoor multiband amplifier broadband inputs Fusion Smart FC series **art. 26-828 FC40 U-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 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 are equipped with a trimmer for the gain adjustment 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 sturdy case in low flame spread ABS plast

Characteristics

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

Code	26-828
Item	FC40 U-U
No. of inputs	2
No. of adjustments	2
Noise figure	5 dB
Max output level*	114 o 124 dBμV
Max gain	40 dB ±2
AGC range	20 dB
Max delivered current	100 mA
Remote power supply	12 Vdc
Max power consumption	5,9 W
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

Example of application

