



Indoor multiband amplifier broadband inputs Fusion Smart FC series **art. 26-818 FC40 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 UHF band input is 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 plastic.

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	26-818
Item	FC40 U
No. of inputs	1
No. of adjustments	1
Noise figure	dB
Max output level*	dBμV
Max gain	dB ±2
AGC range	dB
Max delivered current	mA
Remote power supply	Vdc
Max power consumption	W
AC main tension	230 V~ ±10% 50Hz
Isolation class	II
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

