



## Indoor multiband amplifier broadband inputs MC series

**art. 26-148/40-42**  
**MC4/30 V-4-5-U**



Indoor multiband amplifier with broadband inputs, indicated for 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.

The four inputs are so distributed:

- 1 VHF band input;
- 1 band 4 input;
- 1 band 5 input;
- 1 UHF band input.

Each input is equipped with a coaxial attenuator (0÷20 dB) as level regulator and a switch to enable remote power supply.

The band 4 includes up to E40 channel (630 MHz), while the band 5 includes from E42 channel to E48 channel (638÷694 MHz).

### Characteristics

- Components with a high quality standard
- Shielded housing with screw F-type connectors
- Separate amplification for the VHF and UHF bands
- All broadband inputs are amplified
- Protection system against short circuits with LED notification

Code	26-148/40-42
Item	MC4/30 V-4-5-U
No. of inputs	4
No. of adjustments (0÷20 dB)	4
VHF band noise figure	dB
UHF band noise figure	dB
VHF band max output level*	dBμV
UHF band max output level*	dBμV
VHF input gain	dB ±2
4 input gain	dB ±2
5 input gain	dB ±2
UHF input gain	dB ±2
Max delivered current	mA
Remote power supply	Vdc
Max power consumption	VA
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

