



Indoor multiband amplifier broadband inputs MA series

art. 26-048/40-42
MA4/20 V-4-5-U



Indoor multiband amplifier with broadband inputs, indicated for small 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 | 26-048/40-42 |
|------------------------------|------------------------|
| Item | MA4/20 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

