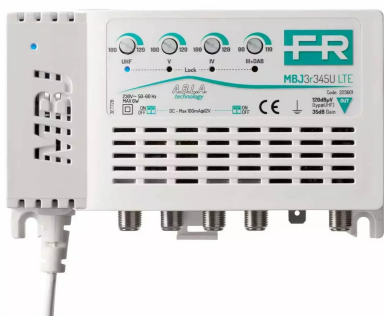


## MBJ2r3+4+5 LTE

### Multiband amplifier



1-input (III+DAB+IV+V) multiband TV indoor amplifier with 25dB gain and up to 115dB $\mu$ V output level on UHF band, separate bands amplification with independent level adjustment (20dB) for each band and low noise figure. 790MHz 4G LTE integrated filter.

### Technical Chars

- **A.B.L.A. functionality:** exclusive FRACARRO system for constant maintenance of the output level set even when the level of each input changes (independent A.B.L.A. circuits) with **output level stabilization** even for high variations in the input TV signal and **LED operation of** dedicated A.B.L.A. circuits.
- **High shielding** against LTE interference (LTE Free)
- Protective shell: the new switchboards are equipped with a flame-retardant and non-propagating (Class V0) ABS material enclosure
- Prepared for **mounting on standard DIN rail** with quick release.
- The overall dimensions of the MBJ EVO T2s are designed so that they can be easily installed inside wall boxes.
- **Very high efficiency switching power supply** (>80%) and self-resetting **short-circuit protection** circuit.
- Selector switch for inserting **remote power supply** on input (100mA total).
- Power supply status LED.
- Faston for connection to TV system grounding.

| initial_fields       |            |                            |
|----------------------|------------|----------------------------|
| Code                 |            | 223609                     |
| Input no.            |            | 1                          |
| Inputs               |            | III+DAB + IV + V           |
| DAB, III Frequency   | MHz        | 174 - 230                  |
| Frequency IV         | MHz        | 470 - 606                  |
| V Frequency          | MHz        | 606 - 790                  |
| Gain                 | dB         | III+DAB: 25; IV: 25; V: 25 |
| Gain adjustment      | dB         | III+DAB: 20; IV: 20; V: 20 |
| Optical noise figure | dB         | III+DAB: 6; UHF: 9         |
| Outputs number       |            | 1                          |
| Output level         | dB $\mu$ V | III+DAB: 110; UHF: 115     |
| Connectors           |            | F female                   |

| Specifications           |       |                 |
|--------------------------|-------|-----------------|
| Power supply voltage     | Vdc/A | 220-230 / 50-60 |
| Current consumption      | W     | 5               |
| Remote feeding           |       | 100mA@12V total |
| Operating temperature    | °C    | -10 to +55      |
| Protection               |       | IP20            |
| Dimensions and packaging |       |                 |
| Pieces                   |       | 1               |
| EAN code                 |       | 8016978099689   |
| Packaging dimensions     | mm    | 152 x 105 x 47  |
| Product dimensions       | mm    | 135 x 82 x 39   |
| Packaging weight         | kg    | 0.345           |
| Weight                   | kg    | 0.34            |