

MBX5540LTE/..

Multiband amplifier



4-input (III+DAB, IV, V, UHF) multiband TV indoor amplifier with 31dB gain and up to 125dB μ V output level on UHF band, separate amplification with independent level adjustment (20dB) for each input and low noise figure. Version available with special tuning on the cut between band IV and V and 790MHz 4G LTE integrated filter.

Technical Chars

- The high gain and high output level make it ideal for use in medium to large centralised systems.
- **High shielding against LTE noise (LTE Free)** thanks to **die-cast ZAMA** chassis with F-connectors and metal cover with **captive screws** covering the amplification section.
- Adjustments on the inside, under the cover, to **prevent tampering** by third parties.
- -30dB test socket available on all models.
- Jumpers for inserting **remote power supply** on all inputs (100mA total), self-resetting **short-circuit protection** system and power supply status LED.
- **High-performance, low-power switching power supply.**
- Clamp for connection of TV system earth.

| initial_fields | | |
|----------------------|------------|-------------------------------------|
| Code | | 235113 |
| Input no. | | 4 |
| Inputs | | III+DAB, IV, V, UHF |
| DAB, III Frequency | MHz | 174 - 230 |
| Frequency IV | MHz | 470 - 606 |
| V Frequency | MHz | 606 - 790 |
| Frequency | MHz | 470 - 790 |
| Gain | dB | III+DAB: 33; IV: 31; V: 31; UHF: 31 |
| Gain adjustment | dB | III+DAB: 20; IV: 20; V: 20; UHF: 20 |
| Optical noise figure | dB | FM: 4.5; III+DAB: 4.5; UHF: 7.5 |
| Outputs number | | 1 |
| Output level | dB μ V | III+DAB: 122; UHF: 125 |
| Connectors | | F female |

| Specifications | | |
|--------------------------|----------|-----------------|
| Power supply voltage | Vdc/A | 220-230 / 50-60 |
| Current consumption | W | 8.5 |
| Isolation class | | II |
| Remote feeding | | 100mA@12V total |
| Output test | dB | -30 |
| Impedence | Ω | 75 |
| Operating temperature | °C | -10 to +55 |
| Protection | | IP20 |
| Dimensions and packaging | | |
| Pieces | | 1 |
| EAN code | | 8016978095612 |
| Packaging dimensions | mm | 240 x 190 x 60 |
| Product dimensions | mm | 194 x 143 x 64 |
| Packaging weight | kg | 1.7 |
| Net Weight | kg | 2.1 |
| Weight | kg | 2.2 |