# MAP2r45U4143T2

Mast amplifier



4-input (III+DAB, IV, V, UHF) mast amplifier with 25dB gain and up to 116dBµV output level on UHF band, separate VHF/UHF amplification with independent gain adjustment (0-15dB) for each input and low noise figure. T2 technology with UHF cut band for LTE 4G @790MHz and 5G @694MHz.

## Technical Chars

- **Built-in 5G filter at 694MHz** to give connections **greater protection against the elements** than an external filter.
- **RED Compl**iant: each model complies with the regulatory requirements regarding Radio Spectrum, Electromagnetic Compatibility and Safety set out in recent European directives.
- **ZAMA die-cast** frame **with metal covers for extremely high interference shielding** (LTE Free).
- The **ABS outdoor protective** cover has a slide opening and tilting system for the amplifier section, making the installer's work easier.
- Selector switch for switching the **remote power supply to the UHF input**, or to the V+U input depending on the model.
- Status LED for correct power supply and fixing clamp suitable for poles up to 60mm diameter.

| initial_fields | | |
|---|---|---|
| Code | | 223747 |
| Inputs | | 3 |
| Frequency IV | MHz | 470 - 638 |
| V Frequency | MHz | 646 - 694 |
| Frequency | MHz | 470 - 694 |
| Gain | dB | IV: 25; V: 25; UHF: 25 |
| Gain adjustment | dB | IV: 15; V: 15; UHF: 15 |
| Noise figure | dB | III+DAB: 5;<br>UHF: 7 |
| Outputs | | 1 |
| Max output level | dBµV | III+DAB: 112;<br>UHF: 116 |
| Connectors | | F female |
| Clipper | | No |

| Specifications | | |
|---|---|---|
| Power supply voltage | V | 12 |
| Consumption | mA | 80 @12V |
| Impedence | Ω | 75 |
| Operating temperature | °C | -10 to +55 |
| Protection | | IP43 |
| Conformity | | EN62368-1:2014/AC:2015; EN50083-2:2012/A1:2015 |
| **Dimensions and packaging** | | |
| Pieces | | 1 |
| EAN code | | 8016978111022 |
| Packaging dimensions | mm | 124 x 57 x 118 |
| Product dimensions | mm | 120 x 50 x 105 |
| Single net weight | kg | 0.234 |
| Single gross weight | kg | 0.251 |