

## MAP2rFM3USAT

### Mast amplifier



**Amplifier with 4 inputs (FM, III+DAB, UHF, SAT) pole mount** with 25dB gain and output level up to **116dB $\mu$ V in UHF band**, separate VHF/UHF amplifications, independent gain adjustments (0-15dB) for each input and low noise figure.

### Technical Chars

- **RED Compliant:** each model complies with regulatory requirements regarding Radio Spectrum Electromagnetic Compatibility and Safety set forth in recent European directives.
- **ZAMA die-cast frame with metal covers for very high shielding to interference (LTE Free).**
- **Outdoor protective bell made of ABS** is equipped with a slide opening and tilting system of the amplification section to make the installer's work easier.
- Selector switch for inserting **tele-power on the UHF input**, or on the V+U input depending on the model.
- Status LED for correct power supply and fixing strap suitable for poles up to 60mm diameter.
- **DiSEqC tone pass** through SAT input

| initial_fields       |            |   |
|----------------------|------------|---|
| Code                 |            | 223716  |
| Input no.            |            | 4 (DC pass-through and DiSEqC tones between output and SAT input) |
| Inputs               |            | FM, III+DAB, UHF, SAT   |
| Frequency FM         | MHz        | 88 - 108  |
| DAB, III Frequency   | MHz        | 174 - 240   |
| Frequency            | MHz        | 470 - 790   |
| Frequency            | MHz        | 950 - 2150  |
| Gain                 | dB         | FM: 22; III+DAB 20; UHF: 25; SAT: -1                              |
| Gain adjustment      | dB         | FM: 15; III+DAB: 15; UHF: 15; SAT: -                              |
| Optical noise figure | dB         | FM: 6; III+DAB: 6; UHF: 6; SAT: -                                 |
| Outputs number       |            | 1   |
| Output level         | dB $\mu$ V | III+DAB: 112; UHF: 116  |
| Connectors           |            | F female  |
| Clipper              |            | No  |
| Filter               |            | -   |

| Specifications           |     |                    |
|--------------------------|-----|--------------------|
| Power supply voltage     | V   | 12 / STB           |
| Absorption               | mA  | 80 @12V            |
| Impedence                | Ohm | 75                 |
| Operating temperature    | °C  | -10 to +55         |
| Protection               |     | IP43               |
| Conformity               |     | EN50083-2: 2006-06 |
| Dimensions and packaging |     |                    |
| Pieces                   |     | 1                  |
| EAN code                 |     | 8016978100439      |
| Packaging dimensions     | mm  | 124 x 57 x 119     |
| Product dimensions       | mm  | 120 x 50 x 105     |
| Packaging weight         | Kg  | 0.309              |
| Net Weight               | Kg  | 0.234              |
| Weight                   | Kg  | 0.251              |