

MAP4r3+U T2+

Mast amplifier



1-input (III+DAB+UHF) mast amplifier with 42dB gain and up to 116dB μ V output level on UHF band, separate VHF/UHF amplification with independent gain adjustment (0-15dB) for each band and low noise figure. T2 technology with UHF cut band for LTE 4G @790MHz and 5G @694MHz.

Technical Chars

- **Internal 5G filter at 694MHz** to give connections **more protection from interference** than an external filter.
- **CLIPPER Technology**: unique system that limits the UHF band gain of the device to **ensure the maximum RF output level** available and minimize intermodulation; there is an **LED** that lights up when this control is activated.
- **RED Compliant**: each model complies with the 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 clamp suitable for poles up to 60mm diameter.

| initial_fields | | |
|----------------------|------------|---------------------------|
| Code | | 223751 |
| Input no. | | 1 |
| Inputs | | III+DAB + UHF |
| DAB, III Frequency | MHz | 174 - 240 |
| Frequency | MHz | 470 - 694 |
| Gain | dB | III+DAB: 22; UHF: 42 |
| Gain adjustment | dB | III+DAB: 15; UHF: 15 |
| Optical noise figure | dB | III+DAB: 6; UHF: 4 |
| Outputs number | | 1 |
| Output level | dB μ V | III+DAB: 112; UHF: 116 |
| Connectors | | F female |
| Clipper | | Si |
| Filter | | 5G |

| Specifications | | |
|--------------------------|--------------------|--------------------|
| Power supply voltage | V | 12 |
| Absorption | mA | 125 @12V |
| Impedence | Ω | 75 |
| Operating temperature | $^{\circ}\text{C}$ | -10 to +55 |
| Protection | | IP43 |
| Conformity | | EN50083-2: 2006-06 |
| Dimensions and packaging | | |
| Pieces | | 1 |
| EAN code | | 8016978104147 |
| Packaging dimensions | mm | 124 x 57 x 118 |
| Product dimensions | mm | 120 x 50 x 105 |
| Packaging weight | kg | 0.289 |
| Net Weight | kg | 0.234 |
| Weight | kg | 0.251 |