

MAP4R345UPRO/..

Mast amplifier

4-input (III+DAB, IV, V, UHF) mast amplifier with 40dB gain and up to 110dBμV or 120dBμV settable output level on UHF band, separate VHF/UHF amplification with independent gain adjustment (0-15dB) 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

- Innovative **HI/Low switch** that allows the maximum UHF output signal level to be adjusted to two different levels: 110dBμV and 120dBμV.
- **CLIPPER technology**: exclusive system that limits the gain of the UHF band of the device to **guarantee the maximum RF output level** available and minimise intermodulation; an **LED** lights up when this control is activated.
- **RED Compliant**: 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 hood** is equipped with 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		223728
Input no.		4
Inputs		III+DAB, IV, V, UHF (*)
DAB, III Frequency	MHz	174 - 240
Frequency IV	MHz	470 - tar
V Frequency	MHz	tar - 790
Frequency	MHz	470 - 790
Gain	dB	III+DAB: 23; IV: 40; V: 40; UHF: 40
Gain adjustment	dB	III+DAB: 15; IV: 15; V: 15; UHF: 15
Optical noise figure	dB	III+DAB: 7; UHF: 5
Outputs number		1
Output level	dBμV	III+DAB: 115; UHF: 120
Connectors		F female

Specifications		
Power supply voltage	V	12
Absorption	mA	150
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		8016978102143
Packaging dimensions	mm	124 x 57 x 119
Product dimensions	mm	120 x 50 x 105
Packaging weight	kg	0.265
Net Weight	kg	0.234
Weight	kg	0.251