

MAP4r345UPRO5G/

Mast amplifier



4-input (III+DAB, IV, V, UHF) mast amplifier with 40dB gain and output level up to **110dBμV or 120dBμV in UHF band selectable**, separate VHF/UHF amplification, independent gain adjustments (0-15dB) for each input and low noise figure. **Special calibration** in the cut-off frequencies between band IV and band V and **built-in 5G 694MHz filter**.

Technical Chars

- **Built-in 5G filter at 694MHz** to give connections **more protection from the elements** than an external filter.
- Innovative **HI/Low switch** that allows the maximum UHF output signal level to be adjusted to two different levels: 110dBμV and 120dBμV.
- **CLIPPER Technology**: unique system that limits the UHF band gain of the device to **ensure the maximum** available RF **output level** 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.
- **Special calibration model**: for these models it is necessary to specify the cutoff between band IV and V when ordering, either 30/31, 31/33, 40/42 or 41/43; in standard models band IV includes channels E21-E35 and band V includes channels E36-E48.

initial_fields		
Code		223772
Input no.		4
Inputs		III+DAB, 4, 5, UHF (*)
DAB, III Frequency	MHz	174 - 240
Frequency IV	MHz	470 - tar
V Frequency	MHz	tar - 694
Frequency	MHz	470 - 694
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	dB μ V	III+DAB: 115; UHF: 120
Connectors		F female
Clipper		Si
Filter		5G
Specifications		
Power supply voltage	V	12
Absorption	mA	150 @12V
Impedence	Ω	75
Operating temperature	$^{\circ}$ C	-10 to +55
Protection		IP43
Conformity		EN50083-2: 2006-06
Dimensions and packaging		
Pieces		1
EAN code		8016978106332
Packaging dimensions	mm	124 x 57 x 118
Product dimensions	mm	120 x 50 x 105
Packaging weight	kg	0.265
Net Weight	kg	0.234
Weight	kg	0.251