MAP2r45U4042T2

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		223748
Inputs		3
Frequency IV	MHz	470 - 630
V Frequency	MHz	638 - 694
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Gain	dB	IV: 25; V: 25; UHF: 25
Gain adjustment	dB	IV: 15; V: 15; UHF: 15
Noise figure	dB	III+DAB: 5; UHF: 7
Outputs		1
Max output level	dBµV	III+DAB: 112; 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		8016978108602
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