

MBJ2r345U T2/..

Multiband amplifier



4-input (III+DAB, IV, V, UHF) multiband TV indoor amplifier with 20dB gain and up to 115dB μ V output level on UHF band, separate amplification with independent level adjustment (20dB) for each input and low noise figure. Version available with special tuning on the cut between band IV and V and T2 technology with UHF cut band for LTE 4G @790MHz and 5G @694MHz.

Technical Chars

- **Built-in 5G filter at 694MHz** to **minimise clutter** in junction boxes compared to the use of an external filter.
- **A.B.L.A. functionality.** FRACARRO's exclusive system for maintaining the set output level constant even when the level of each input changes (independent A.B.L.A. circuits) with **output level stabilisation** even for high variations in the input TV signal and **LED operation** of the dedicated A.B.L.A. circuits.
- **High shielding** against LTE interference (LTE Free)
- Protective shell: the new switchboards are equipped with an ABS fireproof and flame retardant (Class V0) enclosure
- Prepared for **mounting on** a standard **DIN rail** with quick release.
- The dimensions of the MBJ EVO T2 have been designed so that they can be easily installed inside wall boxes.
- **Very high efficiency switching power supply** (>80%) and self-resetting **short-circuit protection** circuit.
- Selector for **remote power supply** on each input (100mA total).
- Power supply status LED.
- Faston for connection to TV system earth.
- **Special settings model:** it is necessary to specify the last RF channel in B4 and the first channel in B5 during the order process; on standard models, B4 includes channels from E21 to E35 and B5 includes channels from E36 to E48.

initial_fields		
Code		223622
Input no.		4
Inputs		III+DAB, IV, V, UHF (*)
DAB, III Frequency	MHz	174 - 230
Frequency IV	MHz	470 - tar
V Frequency	MHz	tar - 694
Frequency	MHz	470 - 694
Gain	dB	III+DAB: 20; IV: 20; V: 20; UHF: 20
Gain adjustment	dB	III+DAB: 20; IV: 20; V: 20; UHF: 20
Optical noise figure	dB	III+DAB: 6; UHF: 9
Outputs number		1
Output level	dB μ V	III+DAB: 110; UHF: 115
Connectors		F female
Filter		5G
Specifications		
Power supply voltage	Vdc/A	220-230 / 50-60
Current consumption	W	5
Isolation class		II
Remote feeding		100mA@12V total
Operating temperature	°C	-10 to +55
Protection		IP20
Dimensions and packaging		
Pieces		1
EAN code		8016978105045
Packaging dimensions	mm	152 x 105 x 47
Product dimensions	mm	135 x 82 x 39
Packaging weight	Kg	0.34
Weight	Kg	0.34