

MBJ3r3+4+5 T2

Multiband amplifier



1-input (III+DAB+IV+V) multiband TV indoor amplifier with 35dB gain and up to 120dBμV output level on UHF band, separate bands amplification with independent level adjustment (20dB) for each band 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 **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.

initial_fields		
Code		223620
Input no.		1
Inputs		III+DAB + IV + V
DAB, III Frequency	MHz	174 - 230
Frequency IV	MHz	470 - 590
V Frequency	MHz	590 - 694
Gain	dB	III+DAB: 35; IV: 35; V: 35
Gain adjustment	dB	III+DAB: 20; IV: 20; V: 20
Optical noise figure	dB	III+DAB: 6; UHF: 6
Outputs number		1
Output level	dBμV	III+DAB: 110; UHF: 120
Connectors		F female
Filter		5G

Features		
Power supply voltage	Vac/Hz	220-230 / 50-60
Current consumption	W	6
Isolation class		II
Remote feeding		100mA@12V total
Working temperature	°C	From -10 to +55
Protection		IP20
Dimensions and packaging		
Pcs		1
EAN code		8016978104338
Packaging dimensions	mm	152x105x47
Product dimensions	mm	135x82x39
Packaging weight	Kg	0.345
Weight	Kg	0.34