

## MBJ3r345U3133T2

Multiband amplifier



4-input (III+DAB, IV, V, UHF) multiband TV indoor amplifier with 35dB gain and up to 120dB $\mu$ V output level on UHF band, separate amplification with independent level adjustment (20dB) 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 **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		223624
Input no.		4
Inputs		III+DAB, IV, V, UHF; special tuning 31/33
DAB, III Frequency	MHz	174 - 230
Frequency IV	MHz	470 - 558
V Frequency	MHz	566 - 694
Frequency	MHz	470 - 694
Gain	dB	III+DAB: 35; IV: 35; V: 35; UHF: 35
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 $\mu$ V	III+DAB: 110; UHF: 120
Connectors		F female

Specifications		
Power supply voltage	Vdc/A	220-230 / 50-60
Current consumption	W	6
Isolation class		II
Remote feeding		100mA@12V total
Operating temperature	°C	-10 to +55
Protection		IP20
Dimensions and packaging		
Pieces		1
EAN code		8016978106257
Packaging dimensions	mm	152 x 105 x 47
Product dimensions	mm	135 x 82 x 39
Packaging weight	Kg	0.345
Weight	Kg	0.34