

MBX5541 T2

Multiband amplifier



4-input (FM, III+DAB, UHF, UHF) multiband TV indoor amplifier with 31dB gain and up to 125dB μ 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** to **maximize gain and signal level** in distribution compared to using an external filter.
- High gain and high output level make it ideal for use in medium to large centralized systems.
- **High shielding against LTE interference (LTE Free)** due to **die-cast ZAMA** chassis with F connectors and metal cover with **captive screws** covering the amplification section.
- Adjustments placed inside, under the cover, to **prevent tampering** by third parties.
- -30dB test socket available on all models.
- Jumpers for inserting **remote power supply** on all inputs (100mA total), self-resetting **short-circuit protection** system and power supply status LED.
- **High-performance, low-power switching power supply.**
- Terminal for connection of TV system grounding.

initial_fields		
Code		235124
Input no.		4
Inputs		FM, III+DAB, UHF, UHF
Frequency FM	MHz	88 - 108
DAB, III Frequency	MHz	174 - 230
Frequency	MHz	470 - 694
Gain	dB	FM: 31; III+DAB: 33; UHF: 31; UHF: 31
Gain adjustment	dB	FM: 20; III+DAB: 20; UHF: 20; UHF: 20
Optical noise figure	dB	FM: 4.5; III+DAB: 4.5; UHF: 7.5
Outputs number		1
Output level	dB μ V	FM: 122; III+DAB: 122; UHF: 125
Connectors		F female
Filter		5G

Specifications		
Power supply voltage	Vdc/A	220-230 / 50-60
Current consumption	W	8.5
Isolation class		II
Remote feeding		100mA@12V total
Output test	dB	-30
Impedence	Ω	75
Operating temperature	°C	-10 to +55
Protection		IP20
Dimensions and packaging		
Pieces		1
EAN code		8016978104901
Packaging dimensions	mm	240 x 187 x 60
Product dimensions	mm	218 x 150 x 55
Packaging weight	kg	1.638
Net Weight	kg	1.768
Weight	kg	1.768