

## MBX5741 T2UK

Multiband amplifier



4-input (FM, III+DAB, UHF, UHF) multiband TV indoor amplifier with 43dB gain and up to 125dB $\mu$ V output level on UHF band, separate amplification with independent level adjustment (20dB) for each input and low noise figure. 694MHz 5G and 4G LTE integrated filter.

### Technical Chars

- The high gain and high output level make it ideal for use in medium to large centralised systems.
- **High shielding against 5G and 4G LTE noise** thanks to **die-cast ZAMA** chassis with F-connectors and metal cover with **captive screws** covering the amplification section.
- Adjustments on the 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.**
- Clamp for connection of TV system earth.
- Plug for **G-type** mains connection for countries: England, Ireland, Malta, Malaysia and Singapore.

MBX5741 T2UK		
Code		235127
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: 35; III+DAB: 38; UHF: 43; UHF: 43
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 $\mu$ V	FM: 122; III+DAB: 122; UHF: 125
Connectors		F female

Features		
Power supply voltage	Vac/Hz	220-230; 50-60
Power Consumption	W	8.5
Isolation class		II
Remote power supply		12, 100mA total
Output test	dB	-30
Impedence	Ohm	75
Working temperature	°C	-10 to +55
Protection		IP20
Dimensions	mm	194 x 143 x 64
Dimensions and packaging		
EAN code		8016978107407
Net Weight	Kg	2.1
Weight	Kg	2.2