

## Multiband TV FM Amplifier 36-43dB LTE Free **MBX5741LTE**



Multi-band broadband amplifier for amplification and mixing of TV signals coming from different antennas.

Suitable for distributing the signal in medium-large systems, thanks to the high gain and high output level with separate amplification.

Specially designed for DTT signals in COFDM modulation and with integrated LTE filtering.

- led indicator on / off
- grounding terminal for 4mm<sup>2</sup> cable.

### Main Specifications

- Mechanical die-casting completely
- High gain and high output level
- Integrated switching power supply
- Push-pull technology

PRODUCT	MBX5741LTE		
Code Fracarro	235110		
Inputs		n.°	4
	Input 1	Band	FM
	Input 2	Band	III + DAB
	Input 3	Band	UHF
	Input 4	Band	UHF
Outputs		n.°	1
<b>INPUT 1 Band FM</b>			
INPUT 1 FM band		MHz	88 ÷ 108
Gain		dB	35
Gain adjustment		dB	20
Noise figure		dB	4, 5
<b>INPUT 2 Band III + DAB</b>			
Frequency band		MHz	174 - 230
Gain		dB	38
Gain adjustment		dB	20
Noise figure		dB	4, 5
Maximum output level		dBuV	122

<b>INPUT 3 Band UHF</b>		
Frequency band	MHz	470 - 790 (chE21 - E60)
Gain		43
Gain adjustment		20
Noise figure		8, 5
Maximum output level (IM3 -35dBc 2 tones)	dBuV	125
<b>INPUT 4 Band UHF</b>		
Frequency band	MHz	470 - 790 (chE21 - E60)
Gain		43
Gain adjustment		20
Noise figure		8, 5
Maximum output level (IM3 -35dBc 2 tones)	dBuV	125
<b>Main features</b>		
Power Supply	Vac/Hz	220 - 240 , 50 - 60
Tele-feeding	V	12, 100mA max
Consumption	W	8,5
Connectors		F female
Operating temperature	°C	-10 ÷ +55
Degree of protection		IP20
Test point	dB	-30
Compliance standards		EN60065: 2004-06, EN50083-2: 2002-05

## Basic Installation example

