



## 5 inputs: FM- HighVHF-14..34-36..51- UHF

High-power multiband amplifier with multiple controls on the front end, which design uses components that minimize the total noise figure. Equipped with 5 inputs (FM-BIII-14...34-36...51-UHF). The UHF band is divided in 2 of the inputs, which is useful in two-repeater reception installations since it allows an appropriate filtering of the channels for each of them.

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<b>Ref.</b>	534120
<b>EAN13</b>	8424450214558

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### Packing

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<b>Box</b>	1 pcs.
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### Physical data

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<b>Net weight</b>	1,831.00 g
<b>Gross weight</b>	2,150.00 g
<b>Width</b>	280.00 mm
<b>Height</b>	142.00 mm
<b>Depth</b>	48.00 mm
<b>Main product weight</b>	1,834.00 g

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### Highlights

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- Separate amplification minimizes intermodulation between bands and provides high output levels
- Designed using Push-Pull technology, which guarantees levels in the 63 dBmV range for

terrestrial signals.

- Includes a high-performance low-power consumption switch-mode power supply
- High-screening Zamak chassis The design facilitates appropriate cooling

## Technical specifications

Bands			UHF	BV	BIV	HighVHF	FM
Frequency margin		MHz	470 ... 694	606 ... 698 (Ch36...51)	470 ... 598 (Ch14...34)	174 ... 370	88 ... 108
Gain	0	dB	42	41 <sup>(1)</sup>	41 <sup>(2)</sup>	42	25
	10		32	31 <sup>(1)</sup>	31 <sup>(2)</sup>	32	25
Gain margin			(Manual) 0 ... 20	(Manual) 0 ... 20	(Manual) 0 ... 20	(Manual) 0 ... 20	(Manual) 0 ... 20
Max. output level	IMD3 (2 tones,-35 dB)	dBmV	65				
	DIN 45004B		63				
	IMD3 (2 tones,-60 dB)		60				
	IMD2 (2 tones,-60 dB)		-	-	-	62	-
Noise figure		dB	10	10	10	5	6
Test			-20				
Powering inputs		V=	12				
Max. current inputs		mA	50				
Mains voltage /frequency		V~ / Hz	120 ... 230 / 50-60				
Total AC consumption	OFF	W / mA	5,8 / 120				
	ON	W / mA	9,6 / 180				
Protection level		IP	20				
Operating temperature range		°F	23 ... 113				

(1) G(Ch36)=37/27dB

(2) G(Ch34)=38/28dB