



Mast amplifier with BOSS-Tech 3 inputs: FM-BIII-UHF

Masthead amplifier for the amplification of terrestrial television signals coming from several antennas.

Equipped with 3 inputs, with amplification on all bands. The amplifier is powered through the output coaxial cable.

RED compliant.

Ref.	560121
EAN13	8424450204665

Other features

Colour	Black
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Packaging info

Box	1 pcs.
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Carton	5 pcs.
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Physical data

Net weight	213.00 g
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Gross volume	2.50 dm ³
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Gross weight	213.00 g
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Highlights

- Separate amplification and very low noise figure, thus respecting signal quality
- BOSS-Tech for UHF band: it automatically adjusts its own gain (UHF) based on normal fluctuations of the input signal in order to always provide the best output level

- Manually-adjusted gain for FM and BIII band
- Can be powered in the 12 V-to-24 V range
- LTE700/5G filter to remove mobile phone interference
- "F" connectors
- Easy mounting. Equipped with a plastic tie for mast mounting
- Resistant ABS-plastic back case for outdoor installation
- Durability and UV resistance of plastic parts, validated under the ISO 4892-3:2016 standard
- Fully automated manufacturing, subject to the most stringent quality controls
- High-screening Zamak chassis

Technical specifications : Ref. 560121

Bands		FM	HighVHF	UHF
Frequency range	MHz	87 ... 108	174 ... 254	470 ... 694
Gain	dB	13	17	28
Automatic gain range	dB	--	--	0 ... 18
Gain adjustment range	dB	0 ... 18	0 ... 18	--
Output level DIN45004B	dBmV	37	43	48
Output level EN50083	dBmV	--	40	45
Output level 10Ch DVB-T	dBmV	--	--	34
Output level regulation margin	dB	--	--	0 ... 12
Noise figure	dB	--	2.5	2.2
Number of inputs			3	
Inputs/Bands				
Powering	Vdc		12 ... 24	
Current consumption	mA		50	
Protection index (IP)			23	
Operating temperature	°F		23 ... 113	