



## NanoKom mast amplifier (LTE790, 1st Digital Dividend) 3 inputs: UHF-UHF-SATmix

Masthead amplifier for the amplification and combination of terrestrial and satellite television signals coming from several antennas. Equipped with 3 inputs: the signals on both UHF inputs are amplified, whereas the SAT signal is only combined. Allows DC pass towards the satellite input to power the LNB.

<b>Ref.</b>	561401
<b>Logical ref.</b>	MVMS32DCLTE
<b>EAN13</b>	8424450188378

### Other features

<b>Colour</b>	Orange
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### Packaging info

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

<b>Net weight</b>	200.00 g
<b>Gross volume</b>	0.33 dm <sup>3</sup>
<b>Gross weight</b>	350.00 g
<b>Width</b>	88.20 mm
<b>Height</b>	77.00 mm
<b>Depth</b>	43.89 mm

### Highlights

- Separate amplification and very low noise figure, thus respecting signal quality

- Ultra-small ergonomic design
- EasyF connection system
- Can be powered in the 12 V-to-24 V range
- LTE filter to remove mobile phone interference
- ON/OFF switch to allow DC pass towards one of the UHF inputs for the powering of a BOSS system
- Easy mounting. Equipped with a clamp for mast mounting
- Resistant ABS-plastic orange 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

## Discover

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### **EasyF connection system: simplicity and savings**

EasyF is an innovative connection concept where the inner conductor of the coaxial cable is directly inserted in the device, thus improving connection reliability. Thanks to the absence of F connectors, the chassis can be reduced and the connection of two cables secured with a single screw.

- Real time savings: speeding the installation is possible without the need for coaxial cable termination. Furthermore, there is no need for screwing the connectors on the device, which is sometimes difficult when there is little room
- Connection reliability: the clamp holding the cables prevents the coaxial cable to come off
- Cost savings: no additional connectors are required (neither F nor IEC)
- Space optimization: inputs and outputs are always on the same side of the device to prevent coaxial cables from bending, and to make working inside cabinets and register boxes easier
- Very easy three-step mounting: only screwing and unscrewing the covers is required to connect both cables:

1. Unscrew the device's cover to access the connection

2. Insert the previously stripped coaxial cables
3. Close the cover and screw to ensure connection

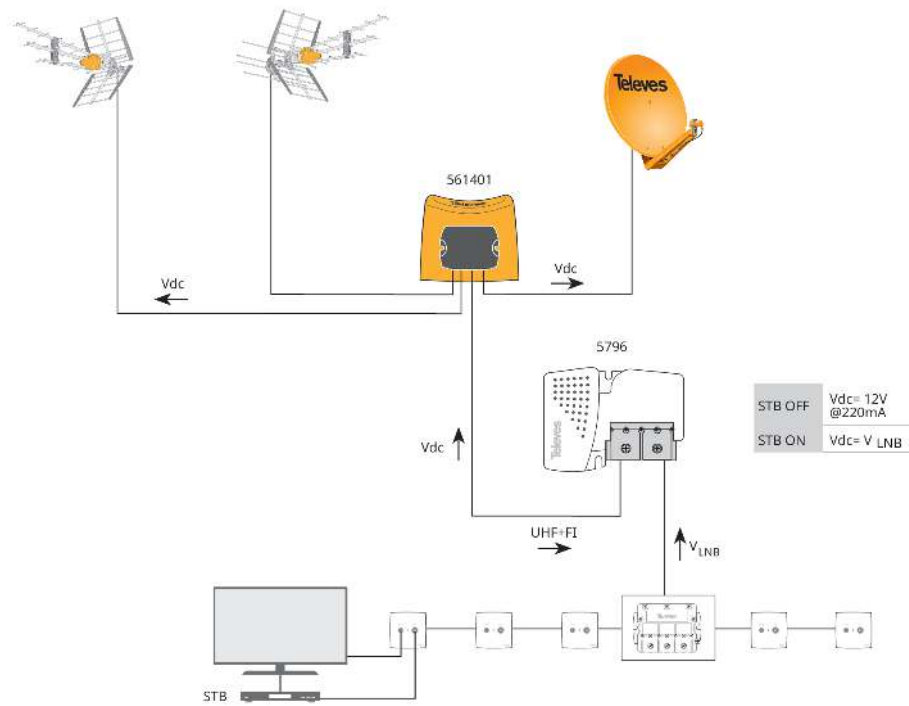
## **Learn more about EasyF system reliability**

With EasyF, the connection between the coaxial cable and the device is carried out using an automated system for contact insertion of the inner conductor, without any soldering.

- Always as new: the device's operating life increases when the factor of solder wearing out with time is removed
- Failure rate reduction: usually produced as a result of cold soldering joints
- Electromagnetic behaviour optimization: for high frequencies
- Our commitment with environment is reinforced: pollution caused by the welding process is eliminated and production power consumption is reduced

## **Application example**

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## Technical specifications : Ref. 561401

<b>Bands</b>		UHF		SAT	
Frequency range	MHz	470 ... 790		950 ... 2150	
Gain	dB	28		-2.5	
Gain adjustment range	dB	0 ... 20		--	
Output level DIN45004B	dBmV	48		--	
Output level EN50083	dBmV	55		--	
Noise figure	dB	6.5		--	
<b>Number of inputs</b>		3			
<b>Inputs/Bands</b>		UHF 1		UHF 2 SAT	
Max current input	mA	0		40	
Max current for LNB	mA	--		--	
Powering	Vdc	12 ... 24			
Current consumption	mA	50			
Protection index (IP)		23			
Operating temperature	°F	23 ... 113			