



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

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

Equipped with 3 inputs: the signals on both UHF inputs are amplified, whereas the VHF signal is only combined. The amplifier is powered through the output coaxial cable.

RED compliant

Ref.	561701
Logical ref.	MVM327LTE
EAN13	8424450161005

Other features

Colour	Orange
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Packaging info

Box	1 pcs.
Carton	10 pcs.
Bucket	100 pcs.

Physical data

Net weight	201.00 g
Gross volume	0.35 dm ³
Gross weight	201.00 g
Width	88.00 mm
Height	76.00 mm
Depth	42.00 mm
Main product weight	201.00 g

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

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:

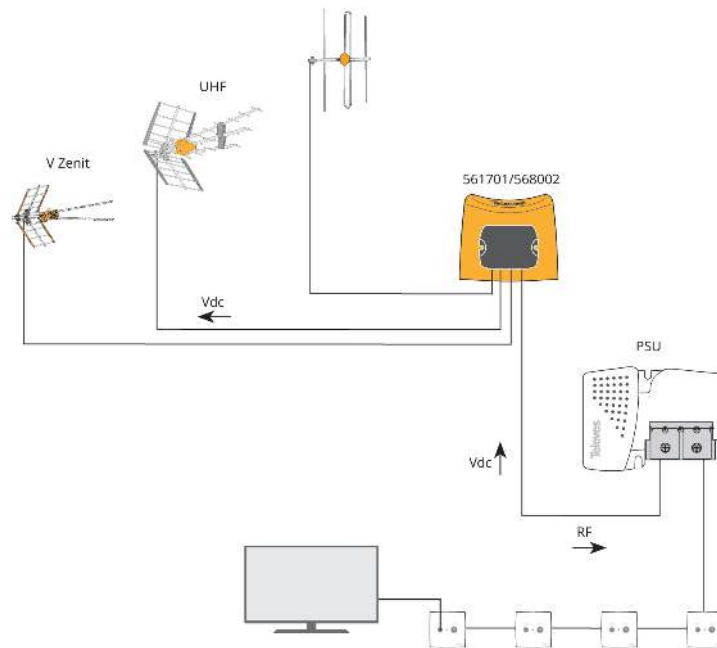
1. Unscrew the device's cover to access the connection
2. Insert the previously stripped coaxial cables
3. Close the cover and screw to ensure connection

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](#)



Technical specifications : Ref. 561701

Bands		VHF	UHF
Frequency range	MHz	47 ... 254	470 ... 790
Gain	dB	-1.5	28
Gain adjustment range	dB	--	0 ... 20
Output level DIN45004B	dBmV	--	48
Output level EN50083	dBmV	--	55
Noise figure	dB	--	6.5
Number of inputs		3	
Inputs/Bands		VHF	UHF 1
Max current input	mA	0	40
Powering	Vdc	12 ... 24	
Current consumption	mA	50	
Protection index (IP)		23	
Operating temperature	°F	23 ... 113	