



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.

Ref.	561401
Logical ref.	MVMS32DCLTE
EAN13	8424450188378

Other features

Colour Orange

Packaging info

Box 1 pcs.

Physical data

Net weight	200.00 g
Gross volume	0.33 dm ³
Gross weight	350.00 g
Width	88.20 mm
Height	77.00 mm
Depth	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

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

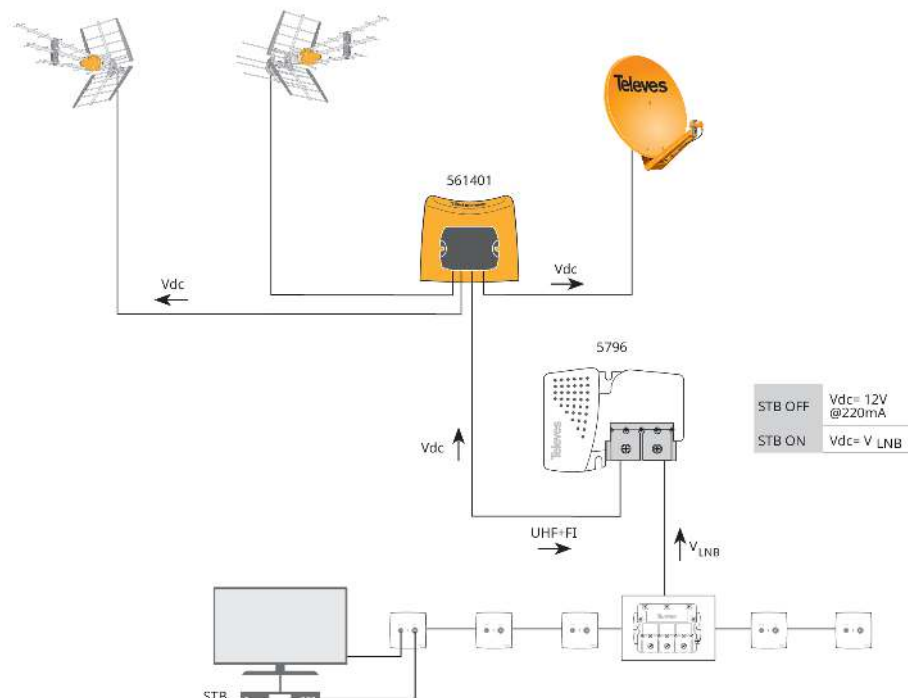
2. Insert the previously stripped coaxial cables
3. Close the cover and screw to ensure connection

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

Application example



Technical specifications : Ref. 561401

Bands		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		--	
Number of inputs				3	
Inputs/Bands		UHF 1		UHF 2	SAT
Max current input	mA	0		40	--
Max current for LNB	mA	--		--	300
Powering	Vdc			12 ... 24	
Current consumption	mA			50	
Protection index (IP)				23	
Operating temperature	°F			23 ... 113	