

PicoKom domestic amplifier 1 output: VHF/UHF – LTE700 Ready

Domestic amplifier with 1 output and automatic gain adjustment to extend the terrestrial television home network.
Equipped with LTE700/5G filtering and input power supply for pre-amplifier or BOSS system feeding.

Ref.	560521
Logical ref.	NV241PICOLTE2
EAN13	8424450246481

Packaging info	
Box	1 pcs.
Carton	10 pcs.
Bucket	150 pcs.

Physical data	
Net weight	128.00 g
Gross volume	0.30 dm^3
Gross weight	150.00 g
Width	90.00 mm
Height	68.00 mm
Depth	28.00 mm
Main product weight	128.00 g

Highlights

- Plug & Play, no adjustments required: equipped with automatic gain regulation, without any impact on signal quality
- Pleasing design and limited size: can be installed in 100 mm x 100 mm connection boxes
- EasyF connection system
- Integrated high-performance switched-mode power supply: reduced power consumption (40% less than a standard amplifier)
- Fully automated manufacturing, subject to the most stringent quality controls
- ON/OFF DC pass switch, for pre-amplifier or BOSS system powering

- Easy mounting, preserving the bending radius of the coaxial cables
- Can be wall-mounted using screws

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 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

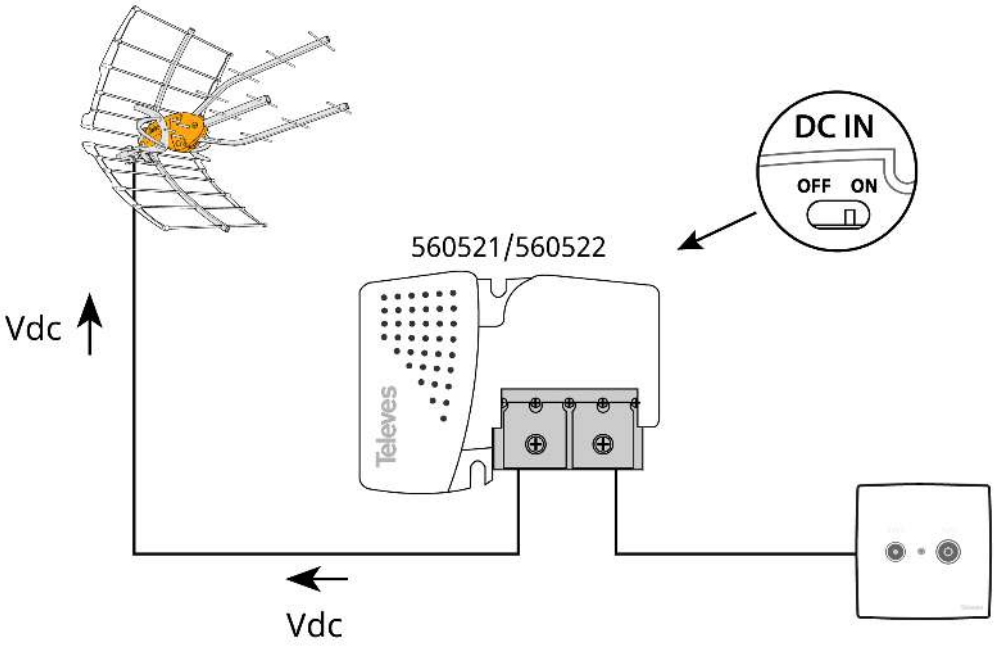
Learn more about EasyF system reliability

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.

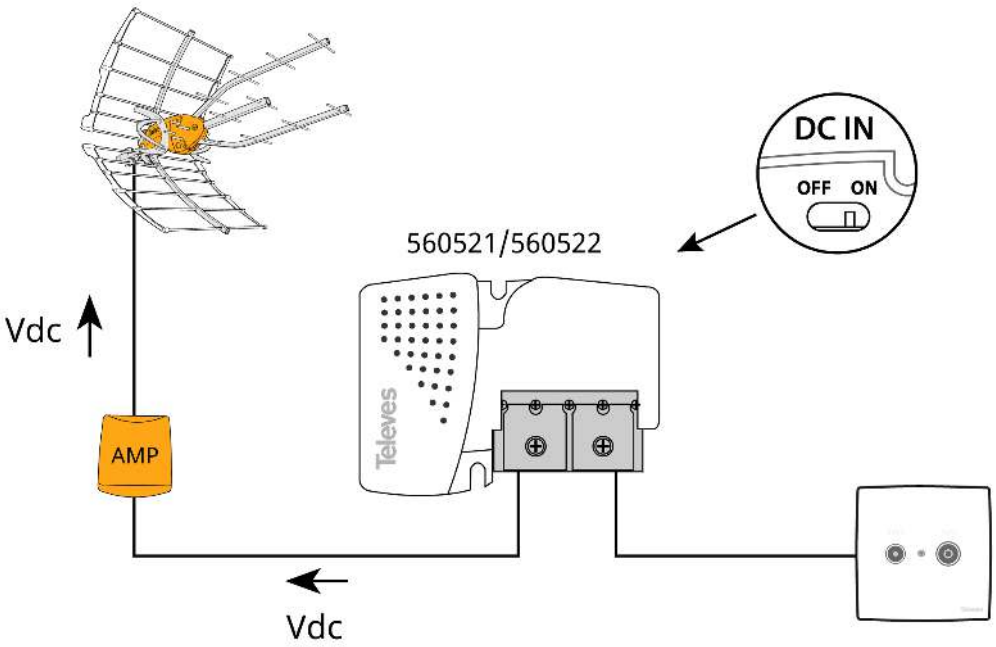
- Always as new: the device's operating life increases when the factor of solder wearing out with time is removed
- Failure rate reduction: usually produced as a result of cold soldering joints
- Electromagnetic behaviour optimization: for high frequencies

Application example

With BOSStech ON



With mast amplifier powering



Technical specifications : Ref. 560521

Number of outputs		1	
TV output		No	
Frequency range	MHz	47 ... 400	470 ... 694
Gain	dB	14	20
Automatic gain range	dB	0 ... 20	0 ... 20
Output level DIN45004B	dBmV	42	45
Output level EN60728-3 IMD3 2tones -35dB	dBmV	49	52
Output level 10Ch DVB-T	dBmV	--	34
Output level 2CH DBV-T	dBmV	33	--
Noise figure	dB	4	4
Powering per inputs	Vdc	12	
Max current input	mA	150	
Input voltage	Vac	220 ... 230	
Mains frequency		50 Hz / 60 Hz	
Max. current	mA	30	
Max. power consumption	W	3.7	
Operating temperature	°F	23 ... 113	
Protection index (IP)		20	