NanoKom mast amplifier (LTE700, 2nd Digital Dividend) 3 inputs: BIII-UHF-FMmix

Masthead amplifier for the amplification and combination of terrestrial television signals coming from several antennas.
Equipped with 3 inputs: the signals on the BIII and UHF inputs are amplified, whereas the FM signal is only combined.

RED compliant

Ref.	561821
Logical ref.	MVM329LTE2
EAN13	8424450201732

Other features

Colour	Orange

Packaging info

Box	1 pcs.
Carton	10 pcs.

Physical data

Net weight	199.00 g
Gross volume	0.36 dm³
Gross weight	221.00 g
Width	88.00 mm
Height	79.00 mm
Depth	42.00 mm
Main product weight	199.00 g

Highlights

- Equipped with USOS (User Selectable Output Signal) technology: the installer selects the desired output level, which remains stable. The device automatically adjusts gain according to the input signal variation.
- 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
- Fully automated manufacturing, subject to the most stringent quality controls
- High-screening Zamak chassis
- LTE filter to remove mobile phone interference
- ON/OFF switch to allow DC pass towards the UHF input for the powering of a BOSS system
- Easy mounting. Equipped with a plastic tie 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

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

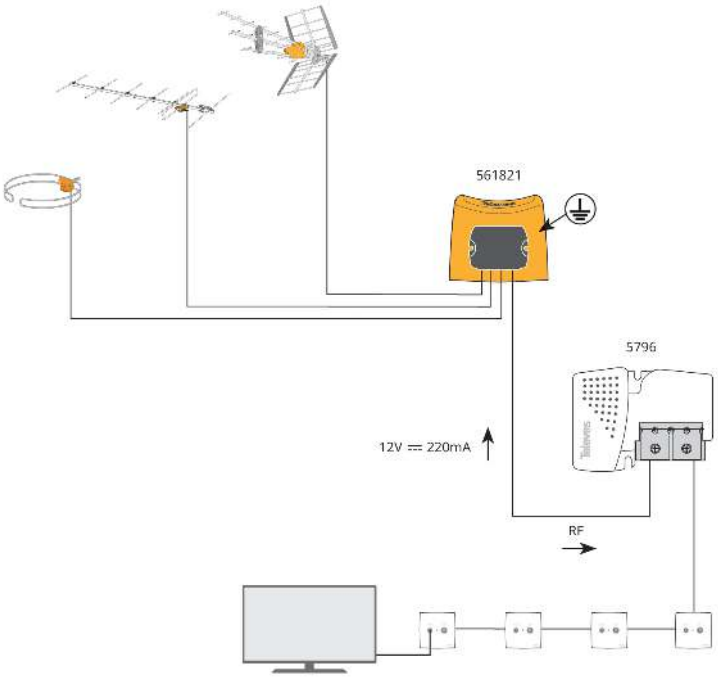
3. Close the cover and screw to ensure connection

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
- Our commitment with environment is reinforced: pollution caused by the welding process is eliminated and production power consumption is reduced

Application example


561821
5796
12V ⎓ 220mA
RF

Televes®

Technical specifications : Ref. 561821

Bands		LowVHF	FM	HighVHF	UHF
Frequency range	MHz	47 ... 65	88 ... 108	174 ... 254	470 ... 694
Gain	dB	-1.5	-1.5	18	28
Automatic gain range	dB	--	--	0 ... 20	0 ... 20
Output level DIN45004B	dBmV	--	--	46	48
Output level EN50083	dBmV	--	--	53	55
Output level 10Ch DVB-T	dBmV	--	--	--	34
Output level 2CH DBV-T	dBmV	--	--	30	--
Output level regulation margin	dB	--	--	0 ... 12	0 ... 12
Noise figure	dB	--	--	3	2
Number of inputs		3			
Inputs/Bands		LowVHF+FM	HighVHF	UHF	
Max current input	mA	0	0	40	
Powering	Vdc	12 ... 24			
Current consumption	mA	50			
Protection index (IP)		23			
Operating temperature	°F	23 ... 113			