

PicoKom power supply for SATmix 12 V - 220 mA, 1 output

Domestic 12 V-power supply (220 mA) that powers equipment through the input coaxial cable while allowing the transmission of the TV signal. Included in the installation to power either mast amplifiers or a BOSS system. Compatible with satellite combination amplifiers (SATmix), since the equipment detects the presence of the LNB management signal on the output (voltage and tone) generated by a receiver, allowing it to reach the input

Ref.	5796
Logical ref.	PSU121PICO
EAN13	8424450140949

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

Physical data	
Net weight	188.00 g
Gross volume	0.33 dm³
Gross weight	188.00 g
Width	90.00 mm
Height	67.00 mm
Depth	27.00 mm
Main product weight	127.00 g

Highlights

- High-performance switched-mode power supply: saves up to 40% power consumption
- Very low power consumption
- Pleasing design and ultra-small size: can be installed in 100 mm x 100 mm connection boxes
- EasyF connection system
- Fully automated manufacturing, subject to the most stringent quality controls
- Can be wall-mounted using screws
- The SATmix functionality allows it to work in an satellite installation respecting the LNB supply

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

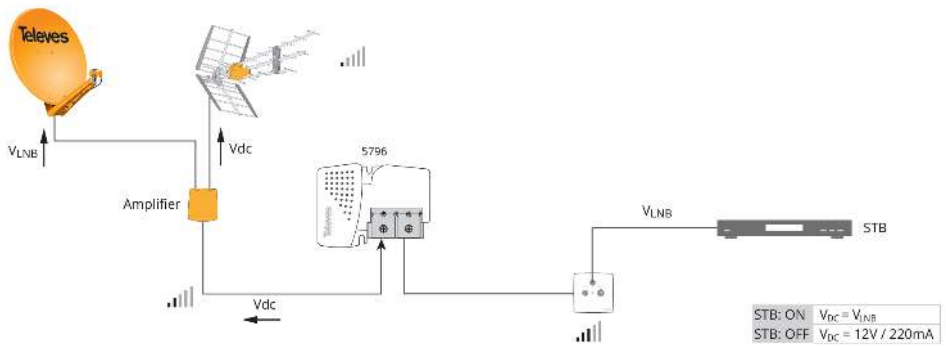
3. Close the cover and screw to ensure connection

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


Televes
VLNB
Vdc
Amplifier
5796
VLNB
STB
Vdc
STB: ON VDC = VLNB
STB: OFF VDC = 12V / 220mA

Technical specifications : Ref. 5796

Plug type		EU	
Number of outputs		1	
Frequency range	MHz	5 ... 862	862 ... 2400
Insertion losses: 1 output	dB	1.5	2.2
Output voltage	Vdc	12	
Max. output current	mA	220	
Max current for LNB	mA	500	
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	