PA3 TV Antenna High-VHF/UHF (Repack Ready) Indoor, attic or outdoor installation



Panel-type antenna suitable for both indoor and outdoor installation. Its compact and discreet design makes it easy to integrate into any location, including building façades, balconies, attics, and living rooms.

It receives High-VHF and UHF signals, featuring independent amplification for each band to deliver high gain and excellent performance. In this way, it combines professional signal reception with a modern appearance and reduced size, ideal for installations where both efficiency and aesthetics matter.

The BOSSTech system automatically regulates the level of the received signal, adapting dynamically to strong or weak inputs to ensure a stable output. The new design using TForce technology achieves superior performance and dynamic range, maintaining an optimal signal level even under challenging conditions.

The antenna can be placed on a flat surface or mounted on a wall or mast, adapting easily to different installation environments. In addition, its removable reflector allows switching between two reception modes:

- High-directivity mode for long-distance or weak-signal areas, maximizing gain and selectivity.
- Wide mode for multidirectional reception, ideal when signals come from multiple transmitters.

It includes everything needed for installation: mounting screws, a mast clamp, and two power supply options. It can be powered via the included 110 V adapter (ref. 550104) or through micro-USB, drawing power directly from a TV USB port using the supplied cable.

Ref.	130983
EAN13	8424450328682

Other features	
Colour	White

Packaging info	
Box	1 pcs.
Carton	8 pcs.

Physical data	
Net weight	2,136.00 g
Gross volume	16.90 dm^3
Gross weight	3,366.00 g
Width	355.00 mm
Height	355.00 mm
Depth	115.00 mm
Main product weight	2,060.00 g

Highlights

- Installation versatility: suitable for indoor or outdoor use, on flat surfaces, walls, or masts.
- Removable reflector: easily switch between higher directivity or greater multidirectionality.
- Built to last: ASA housing, Zamak clamp support and IP53 protection ensure resistance to UV radiation, humidity, salinity, and corrosion.
- Independent amplification: separate BOSSTech systems for VHF and UHF automatically adapt gain in real time to signal conditions.
- High dynamic range: allows high-quality TV reception in a wide variety of critical situations, from areas where signals are very weak to installations with high reception levels.
- Automatic adaptation: the intelligent BOSSTech system dynamically adjusts to maintain the optimal signal level without overload.
- Interference protection: integrated FM and LTE/5G filters eliminate unwanted radio and mobile signals.
- Continuous operation: in case of power failure, the antenna switches to passive mode and automatically returns to active mode when power is restored.
- Stable reception: handles fading or signal variations with no impact on viewing quality.
- Plug & Play: simple and fast installation—connect, power up, and scan channels.

Discover

TForce technology:

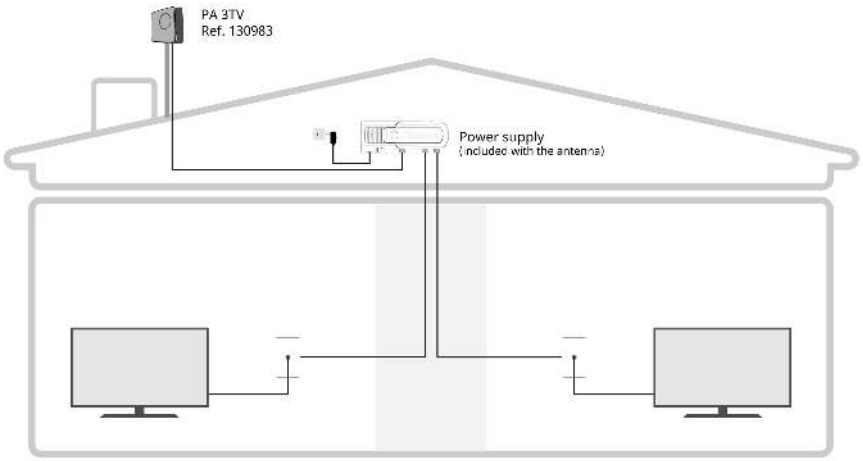
Televes transitions from the traditional silicon era into a new era of electronic component design, allowing integrated circuits to be precisely manufactured for microwave frequency bands. Utilizing “State of the Art” MMIC technology TForce is manufactured using semiconductor compounds such as gallium arsenide (GaAs), providing the resulting products with unparalleled features and performance

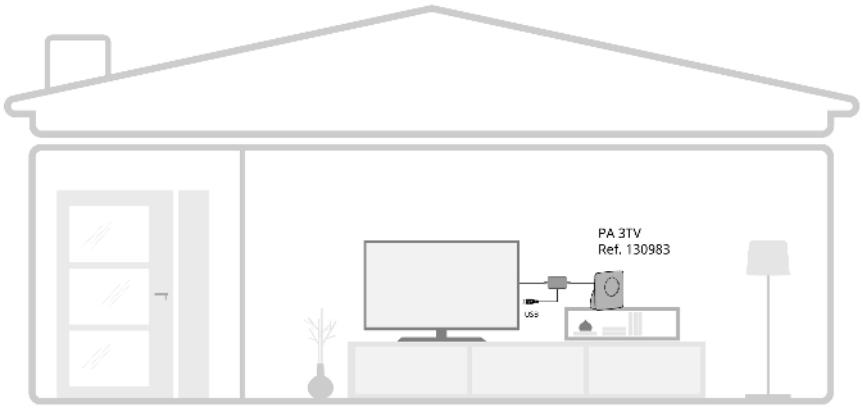
Televes has reinvented the antenna concept. Until now, an antenna was just the reception component of a TV installation in which gain and directivity were the main features. The introduction of a smart device like BOSS provides the antenna with the capacity to receive very weak signals without the risk of being affected by very strong signals, the

result is a dynamic balance between weak and strong signals that provides optimum signal levels at all times: the "dynamic range" concept turns out to be the most outstanding among quality parameters.

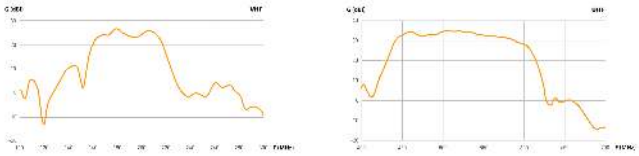
The creation of TForce with BOSS technology using MMIC components is an extraordinary milestone in the optimization of the dynamic range. The technology that allowed the reception of lost signals from distant satellites is now allowing the enhancement of the coverage range in DTT installations.

Application example

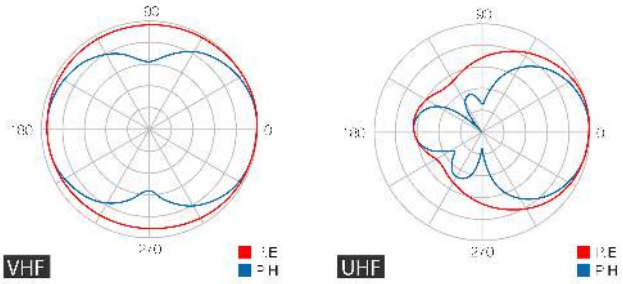




Graphic documentation



Frequency response



Radiation pattern

Technical specifications : Ref. 130983

Bands		HighVHF	UHF
Frequency range	MHz	174 ... 216	470 ... 608
Channels		7 ... 13	14 ... 36
BOSS mode		ON	ON
Gain	dBi	26	34
Output level		Auto	Auto
Powering		5 ... 12	5 ... 12
Max. current		< 110	< 110
Beamwidth	°	--	65
F/B ratio	dB	> 0	> 13
Protection index (IP)		53	
Wind load (@80miles/h)	N	114.14	
Wind load (@93miles/h)	N	156.95	
Mast diameter	in	0.787 ... 1.969	