

CAMPNOVA BOSS antenna FM/High-VHF/UHF

Enhance your camping stay with a Intelligent antenna

Easy-to-install and low visual impact portable antenna, ideal for camping sites. Provided with a full installation kit consisting of:

- Power injector for battery connection (ref. 7450)
- T100plus coaxial cable reel (14m, ref. 214102)
- Connectors: 3xF (ref. 4171xx) and 1xIEC (ref. 4130)
- Screws with assembly wrench for mast mounting

The BOSS Tech system automatically controls the level of the received signal (either very high or very low) to always provide optimal output level. The new design using TForce technology makes this intelligent device even more versatile.

Ref.	144521
Logical ref.	CAMPNOVA2
EAN13	8424450207871

Other features	
Colour	White

Packaging info	
Box	1 pcs.

Physical data	
Net weight	3,400.00 g
Gross volume	16.10 dm^3
Gross weight	3,900.00 g
Width	320.00 mm
Height	290.00 mm
Depth	107.00 mm
Main product weight	3,400.00 g

Highlights

- The base includes a U-bolt, compatible with up to 30mm-diameter masts
- The mounting system at the antenna base allows for the coaxial cable protection and concealment inside the mast or the mount

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.

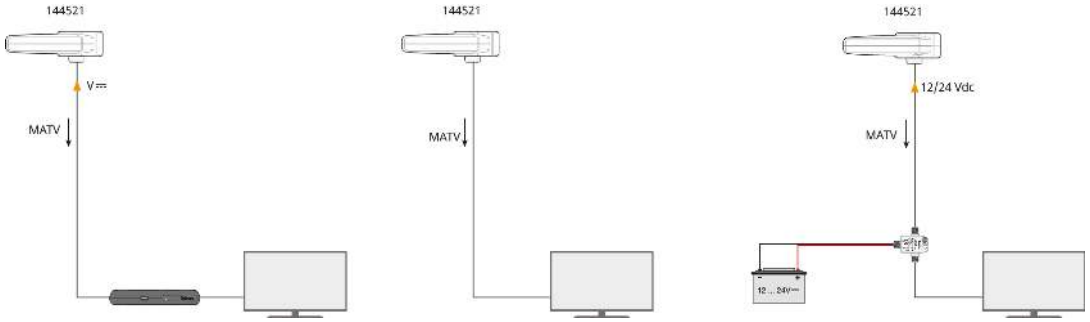
The creation of TForce with BOSS technology using MMIC components is an extraordinary milestone in the optimization of the dynamic range. The technology that allowed the reception of lost signals from distant satellites is now allowing the enhancement of the coverage range in DTT installations.

NOVA Series:

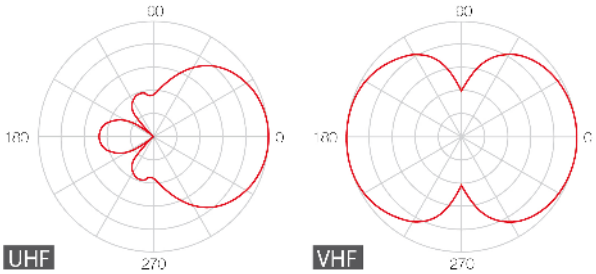
A special antenna series to be installed in restrictive locations.

- Known for their pleasing low-impact visual design and ideal for installations where good aesthetics are key.
- Intelligent antennas include our BOSS system to provide the best output level for a exceptional reception quality.
- LTE ready: they integrate an LTE electronic filter to remove cell phone interference
- Built with materials that are highly resistant to salt air , humidity and other adverse climatic elements, with a protection index of 53.
- Low power consumption and easy mounting. Furthermore, they can be purchased as full kits including all the accessories required for their installation.
- Manufactured in Europe, our products undergo the most stringent quality controls, providing high reliability.

Application example



Graphic documentation



Radiation pattern

Televes®

Technical specifications : Ref. 144521

Bands		FM		HighVHF		UHF	
Frequency range	MHz	88 ... 108		174 ... 230		470 ... 694	
Channels		--		5 ... 12		21 ... 48	
BOSS mode		ON	OFF	ON	OFF	ON	OFF
Gain	dBi	--	--	20.5	--	30.5	4 ... 7
Output level		--	--	Auto*[1]	--	Auto*[2]	--
Powering	Vdc	12 ... 24	--	12 ... 24	--	12 ... 24	--
Max. current	mA	42 ... 47	--	42 ... 47	--	42 ... 47	--
Protection index (IP)		53					
Wind load (@80miles/h)	N	74.88					
Wind load (@93miles/h)	N	102.96					
Mast diameter	in	1.181					

*[1] The gain is automatically adjusted according to the level of output

*[2] The gain is automatically adjusted according to the level of output