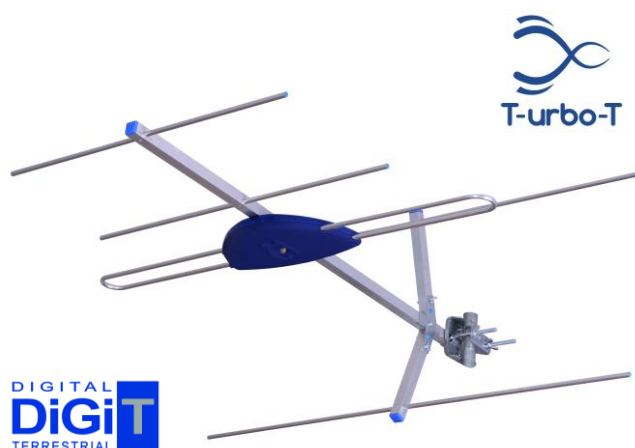


VHF DVB-T directional antenna

T-urbo-T V



RoHS



- DVB-T directional antenna
- **7-8 dBi power gain**
- **Low Standing Wave Ratio – VSWR**
- **T-urbo-T technology**
- Robust mechanical design
- Horizontal or vertical polarization
- F-type signal connector

T-urbo-T V antenna features the innovative **T-urbo-T** technology. The individual elements of the antenna were selected to optimize the power gain in the frequency range between 174 and 230 MHz.

A very important feature of our new antenna design is the low VSWR standing wave ratio. It determines matching antenna impedance with transmission line impedance. The VSWR value is ideally 1, in practice it is greater than 1.

The standing wave ratio influences the lack of adjustment, which may be considered as an attenuator in case of receiving antenna. Therefore it has an influence on the ratio of bit Energy to noise Energy. In case of a digital signal it directly influences BER (in different ways depending on the type of modulation).

Robust antenna design and high quality materials used in its production distinguish this antenna from other on the market. The properties of the high quality materials makes the T-urbo-T V extremely weather resistant antenna that will last for long years of usage.

TECHNICAL PARAMETERS

TYPE		T-urbo-T V
Frequency range	MHz	174-230
Power gain	dBi	7-8
No. of elements	/	5
Impedance	Ohm	75
Signal connector	/	F
Standing Wave Ratio (VSWR)	/	1,3 typical (min. 1,1)
Reflection attenuation (adjustment)	dB	min. 15
Max mast diameter	mm	50
Colour	/	blue
Dimensions	mm	960x900x430
Weight	kg	1,4
Package	/	cartoon

Technical parameters may be subject to change without prior notice.

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