

DINOVA BOSS MIX

Intelligent Radomized Antenna With Automatic Signal Adjustment



DINOVA BOSS MIX is a 7-element Yagi directional antenna, manufactured using Microstrip technology and High VHF telescopic rods protected by a radome. Specifically designed with a low visual impact for aesthetic assimilation.

The size and sleek design of the antenna makes it ideal for building fronts, historic buildings, protected areas and single-family homes.

MAIN FEATURES

The BOSS Tech system **automatically controls the level of signals received**, adjusting both higher and lower range signals concurrently to consistently provide optimal output levels.

The new design using TForce technology makes this intelligent device even more versatile:



■ HIGH DYNAMIC RANGE:

allows for high-quality TV reception in a wide variety of critical situations, from areas where signals are very weak to installations with very strong signal levels.

■ DTT COVERAGE AREA ENHANCEMENT

■ VERY HIGH GAIN:

TForce technology provides BOSS Tech with an increase of up to 12 dB for UHF, and 14 dB for High VHF over previous generations of product.

■ A MORE STABLE RECEPTION:

Supports signal variations or fading without any impact on the TV installation.

■ Corrosion Resistant:

- Clamp support made of Zamak, ensuring superior stability and outdoor elemental resistance.
- Reacting Coating Process (RCP) anti-corrosion treatment on the clamp, provides resilient mounting.
- Highly resistant radome protects against salinity, humidity and other adverse weather conditions (IP 53).

■ Improved High VHF response:

High VHF reception can be improved by extending the telescopic antennas in difficult reception conditions.

■ Low power consumption in intelligent mode

OTHER FEATURES

■ Two operation modes:

In **intelligent mode** (with power feed), BOSS provides automatic control to correct signal fluctuations and maintain optimal output signal level.

In **passive mode** (without power supply) the signal passes through unamplified.

■ Mounting options for both **horizontal** and **vertical polarizations**.

■ **Easy mounting:** Kit included.

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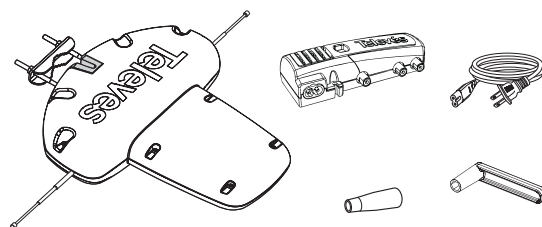
TECHNICAL SPECIFICATIONS

References		144282	
Working band	MHz	174-216	470-698
Channels		7-13	14-51
BOSS Mode		ON	ON
Maximum gain	dBi	24*	34*
Output level (DIN45004B)	dBmV	Auto	Auto
Noise figure	dB	3	2.5
Supply voltage	V _{DC}	12 - 24	12-24
Maximum current	mA	43 - 50	43 - 50
Protection index	IP	53	
Wind load	N	70 (@ 80 Miles/h) 96 (@ 93 Miles/h)	
Weight	lb	3.6	
Dimensions (xyz)	in	16.2 x 31.3 x 2.8 (telescopic antennas extended)	

* Gain varies automatically based on the output level.

KIT INCLUDES

- DINOVA BOSS MIX antenna (F connector)
- Indoor 2-output PSU (Ref. 550104)
- Accessories: U bolt, Bracket, 3 nuts, F connector, Watertight cover & 10mm wrench.
- User manual



REF.	DESCRIPTION	EAN 13
	DINOVA BOSS MIX	
144282	KIT: DINOVA BOSS MIX HighVHF/UHF G24/34dBi	8424450197998