

Link do produktu: <https://dronexpert.eu/antena-4hawks-raptor-xr-dla-dji-smartcontroller-p-15427.html>



## Antena 4HAWKS Raptor XR dla DJI Smartcontroller

Cena brutto	<b>975,00 zł</b>
Cena netto	<b>792,68 zł</b>
Dostępność	<b>Aktualnie niedostępny</b>
Kod producenta	<b>A121X</b>
Kod EAN	<b>853854008490</b>
Producent	<b>4Hawks</b>

### Opis produktu

#### Designed for Mavic/Mavic 2 series

Designed for drone enthusiasts, Dji Mavic/Mavic 2 is perfect for holiday trips. Its long range allows its user to reach places that were earlier completely inaccessible, such as deep forests, canyons, lakes etc. The built-in camera allows recording videos in 4k.

4Hawks antenna for Dji Mavic/Mavic 2 models is highly advanced, operating in both 2.4GHz as well as 5GHz frequencies The concept behind the look of the antenna was to make it look like it was a part of the drone by default. Entire construction is 100% UV protected to assure longevity of the equipment. Additionally, part of the construction is made of aluminum to make the whole construction as light as possible. Mounting is made of stainless steel for rock solid stability. Mounting the range extender leads to permanent changes with the remote controller. The entire set is lightweight and uniform (without any loose equipment pieces). Changing the direction of the antenna shouldn't cause any difficulties, as the system was designed in a way that allows quick position change with just a single "click". This way you can be sure that you do not lose the connection with your drone.

#### Specification

electrical & mechanical parameters of Raptor range extender.

#### Electrical parameters

##### Frequencies

Port 1: 2.40 - 2.50 GHz & 5.00 - 5.80 GHz

Port 2: 2.40 - 2.50 GHz & 5.00 - 5.80 GHz

##### Gain

Port 1: 11 dBi (+/- 1 dBi) & 14 dBi (+/- 1 dBi)

Port 2: 11 dBi (+/- 1 dBi) & 14 dBi (+/- 1 dBi)

##### VSWR

Port 1: < 1.50 (max. < 2.00)

Port 2: < 1.50 (max. < 2.00)

##### Beamwidth

Port 1: 70°/40° & 40°/25°

Port 2: 70°/40° & 40°/25°

##### Polarization

Port 1: Vertical

Port 2: Vertical

##### Impedance

Port 1: 50 Ω

Port 2: 50 Ω

## **Mechanical parameters**

### **Material**

Antenna: Samsung ABS, polyurethane, aluminum, Stainless steel, Nylon, PTFE PCB

Mounting: Stainless steel + paint

### **Weight**

~ 520g (450g Antenna + 70g Mounting)

### **Dimensions**

29.2 x 18.2 x 2.1 cm

11.50 x 7.16 x 0.83 inch

### **Connection**

Port 1: RP-SMA female

Port 2: RP-SMA female

### **Tilt adjustment**

3 tilt positions, OnClick system

### **Mounting type**

On SMA connectors (Permanent)

## **In the box**

Accessories included to the Raptor range extender antenna

## **Range extender antenna**

**2x Dedicated for Mavic UFL pigtails**

**Stainless steel mounting kit**

**2x screwdriver (Torx T6 & Philips) + 8mm wrench**

**2x RP-SMA male RG316 black pigtails**

**Additional Mavic tools**

## **Plots**

VSWR, Separation between connectors & characteristic patten of Raptor antennas

## **Tutorials**

Video tutorial with modification of the controller