Osprey Stubby

5.8 GHz LHCP antenna with RP-SMA connector
FlyFishRC · pack of 2



Read this manual before use and keep it for future reference.

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1. Product description

1.1 What it is for

FlyFishRC Osprey Stubby is a set of two short LHCP circularly polarised antennas for the 5.8 GHz band with an RP-SMA connector. They are intended primarily as receiving antennas for FPV goggles with digital video transmission. Thanks to their small size, they can stay screwed onto the goggles even when stored in a case, so there is no need to unscrew them every time you pack up.

The antenna is a passive part – it does not transmit or receive anything by itself and needs no power supply. It only works when connected to a device with an RP-SMA connector (FPV goggles, video receiver or video transmitter) that operates within the antenna's frequency range.



Osprey Stubby antenna screwed onto FPV goggles

1.2 Specifications and package contents

Manufacturer	FlyFishRC
Product designation	Osprey HD 5.8G LHCP Stubby Antenna (manufacturer code FF00179)
Frequency range	5600–5900 MHz
Gain	2.6 dBi
VSWR	≤ 1.5
Polarisation	LHCP (left-hand circular)
Axial ratio	0.8
Connector	RP-SMA
Weight	4.2 g / pc
Dimensions	height 23 mm, diameter 13 mm
Package contents	2× Osprey LHCP Stubby antenna
Not included	FPV goggles, video receiver or transmitter, adapters and extension cables



① RP-SMA connector · ② polarisation marking “L” (LHCP)

2. Use

2.1 Compatibility

- **Connector:** the antenna has an **RP-SMA** connector and fits only an RP-SMA counterpart. Do not connect it to a device with an SMA connector without a suitable adapter – the connectors can be screwed together, but the centre contact will not connect.
- **Frequency:** the antenna is designed for the 5600–5900 MHz band. It is not intended for other bands (e.g. 2.4 GHz).
- **Polarisation:** the antenna is LHCP (marked “L” on the antenna body). The receiving and transmitting sides of the video link must have the **same polarisation**. Combining an LHCP antenna with an RHCP antenna significantly reduces range and degrades image quality.

2.2 Mounting and removal

① Check that the connectors of the antenna and the device are clean and undamaged.

② Place the antenna straight onto the device connector and screw it on **by hand only** until it seats.

③ Do not overtighten. Do not use pliers or a wrench – you may damage the connector of the antenna or the device.

④ To remove, unscrew the antenna by hand; do not pull on it or bend it sideways.

Never power on a video transmitter (VTX) without an antenna connected – it may be damaged.

2.3 Operation and regulations

The antenna itself does not transmit. However, the antenna gain counts towards the radiated power (e.i.r.p.) of the device it is connected to. The user is responsible for observing the permitted frequencies and transmit power levels. The regulations of the country in which you operate the equipment are decisive – permitted bands and limits in other countries may differ from those in the Czech Republic.

2.4 Care and storage

- Protect the antenna from drops, impacts and bending of the connector – for example when putting the goggles down antenna first.
- Keep the connector clean and dry; remove dirt with a dry cloth or brush.
- Store in a dry place, away from direct sunlight and heat sources.
- Do not continue to use a damaged antenna (cracked body, damaged or loose connector).

3. Information for the EU and Czech Market

3.1 Importer and responsible person in the EU

The product is placed on the European Union market by the importer stated below, who is at the same time the responsible person within the meaning of Article 16 of Regulation (EU) 2023/988 of the European Parliament and of the Council on general product safety (GPSR).

Importer / responsible person in the EU	Rotorama, s.r.o.
Company ID (IČO)	051 57 692
VAT ID (DIČ)	CZ05157692
Registered office	Okrajová 1351, 674 01 Třebíč, Czech Republic
E-mail	info@rotorama.cz
Phone	+420 252 252 098
Website	www.rotorama.com

3.2 Disposal



- The crossed-out wheeled bin symbol on the product, its packaging or in the documentation means that at the end of its service life the product **must not be disposed of together with mixed municipal waste**.
- Hand it over at a take-back point for electrical equipment – at a collection yard, at a take-back point of a collective system, or at the retailer when purchasing a new equivalent product. Take-back is free of charge for the end user.
- The obligations under Act No. 542/2020 Coll., on end-of-life products, are fulfilled by the importer through a collective take-back system.
- Proper disposal helps prevent negative impacts on the environment and human health and contributes to the reuse of secondary raw materials.

Through its contractual partner **ASEKOL a.s.**, the company ensures the take-back of waste electrical equipment from households and the separate collection of waste electrical equipment, batteries and accumulators in accordance with the applicable legislation. The customer is entitled to hand over old electrical equipment or a battery or accumulator at any collection point of the above contractual partner. The addresses of these take-back points are listed at www.asekol.cz, www.ecobat.cz and also https://visoh2.mzp.cz/RegistrMistZO/RegistrMistZOPublic/MapaMistZpetOdberu.

4. Warranty and rights arising from defective performance

The rights and obligations of the contracting parties are governed by Czech law, in particular by Act No. 89/2012 Coll., the Civil Code, and Act No. 634/1992 Coll., on consumer protection.

- The seller is liable to the buyer for the product being free of defects on receipt. If the buyer is a consumer, a defect may be notified **within two years of receipt** of the product (Section 2165 of the Civil Code).
- If a defect appears within **one year** of receipt, the product is deemed to have been defective already at the time of receipt (Section 2161(5) of the Civil Code).
- When purchasing online, a consumer has the right to **withdraw from the contract within 14 days** of receiving the goods without giving a reason (Section 1829 of the Civil Code).
- Claims should be made with the retailer from whom you purchased the product. The importer's contact details are given in Chapter 3.1.
- The competent body for out-of-court settlement of consumer disputes is the **Czech Trade Inspection Authority**, Štěpánská 796/44, 110 00 Prague 1, www.coi.cz.