Coaxial Cable 9 cm

Walksnail Avatar / Walksnail Ascent
Replacement cable between camera and video transmitter



Read this manual before installation. Always connect and disconnect the cable with the power disconnected.

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1. Product description

1.1 Intended use

The 9 cm coaxial cable is a replacement connecting cable for the Walksnail digital FPV system. According to the manufacturer, it connects a **Walksnail Avatar** or **Walksnail Ascent** series video transmitter (VTX) to the camera. The cable carries the video signal from the camera to the video transmitter.

Use it to replace a damaged original cable, or when building a drone where the distance between the camera and the video transmitter suits a 9 cm cable. Both ends of the cable have a flat connector with a protective braided sleeve where the connector joins the cable.



Walksnail Avatar coaxial cable 9 cm

1.2 Technical data and package contents

Manufacturer	Walksnail (Caddx)
Product name	Walksnail Avatar coaxial cable 9 cm
Manufacturer code	WNPJ-00005
Length	9 cm (90 mm)
Purpose	connecting a Walksnail Avatar / Walksnail Ascent camera and video transmitter
Package contents	1× coaxial cable 9 cm
Not included	camera, video transmitter, camera back cover, cable ties or any other mounting material

※ The manufacturer also offers this cable in other lengths and versions. Before installation, compare its connectors with those on the camera and video transmitter, or with the original cable.

2. Use

2.1 Replacing and connecting the cable

① Disconnect the battery from the drone and, if applicable, the USB power. Never connect or disconnect the cable while powered.

② Disconnect the original cable by pulling **on the connector body**, perpendicular to the board, never on the cable itself. To release it, you may use a plastic pry tool, not a metal screwdriver, which could damage components on the board.

③ Inspect the connectors on the camera and on the video transmitter. They must not be bent, dirty or damaged.

④ Place the connector of the new cable parallel to its counterpart in the correct orientation and press it evenly over its whole surface until it is fully seated. Do not use excessive force and do not press the connector in at an angle. Connect the other end of the cable in the same way.

2.2 Routing and securing the cable

- Route the cable in a smooth curve. Do not bend it at a sharp angle, especially right next to the connectors, and do not kink it.
- The cable must not reach into the propeller area and must not rub against sharp edges of the frame (e.g. edges of carbon plates).
- Secure the cable so that it does not vibrate or hang loose in flight, but do not overtighten it with cable ties or pinch it between frame parts.
- When the camera is tilted, leave enough slack in the cable so that the connectors are not under tension.
- Protect the cable from high temperatures, e.g. from direct contact with electronic speed controllers (ESC) or the video transmitter heatsink.

2.3 Function check and troubleshooting

After installation, connect the battery, switch on the goggles and, before the first flight, check that the camera image is stable. During the check, gently move the cable; the image must not drop out.

Problem	Cause and solution
No camera image	Connector not fully inserted – disconnect the power and press the connectors at both ends in again. Check that the cable connectors match the camera and video transmitter.
Image drops out or has interference	Loose connector or damaged cable – check that the connectors are seated and inspect the cable. Replace a damaged cable.

※ Do not repair a damaged cable; replace it. Mechanical damage to the cable or connector caused by a crash, incorrect installation or pulling on the cable is not a product defect.

3. Information for the EU and Czech Market

The information in this chapter describes the situation in the Czech Republic. If you use the product in another country, the law of the country in which the product is used is decisive.

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 of electrical equipment



- 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.