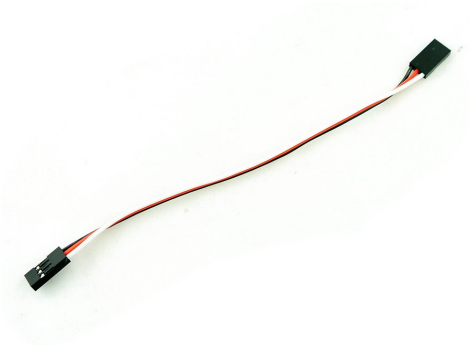
Servo connection cable

Cable with JR connectors, female on both ends
User manual – 100 mm, 150 mm and 300 mm variants



Read this manual before connecting. Connect the cable only with the power disconnected and always check the orientation of the connectors.

Rotorama, s.r.o. · www.rotorama.com

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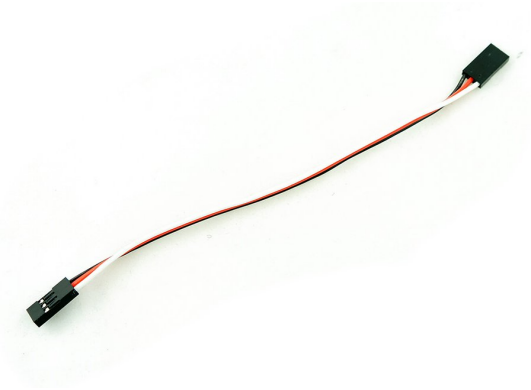
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1. Product description

1.1 What it is for

The servo connection cable is a short three-wire cable with a **female JR connector on both ends**. It is used to connect two devices fitted with three-pin headers (male pins) – typically a flight controller (FC) and another module in an RC model, for example a receiver.

The cable is available in three lengths – 100 mm, 150 mm and 300 mm – so you can choose the length according to the distance between the connected devices in the model. A shorter cable is easier to route and less likely to get tangled; a longer one bridges a greater distance.



Servo connection cable – female JR connectors on both ends (100 mm variant shown)

1.2 Technical data and package contents

Product designation	Servo connection cable (Propojovací servokabel)
Connectors	JR, female on both ends
Length	depending on variant: 100 mm, 150 mm or 300 mm
Number of wires	3 (black, red and white on the piece shown)
Insulation	PVC
Package contents	1× cable
Not included	the devices to be connected (flight controller, receiver, servo, etc.), cable ties or other mounting material

※ The current rating of the cable and the wire cross-section are not specified. The cable is intended for connecting signal and supply pins of common RC electronics, not for carrying power current (e.g. to motors).

2. Use

2.1 Connection

① **Disconnect the power.** Before connecting or disconnecting the cable, always disconnect the model's battery and unplug the devices from USB.

② **Identify the pin layout.** On both devices, find the pin labels on the board or in the manual of the device concerned – usually negative (GND, “−”), positive supply (“+”) and signal (S).

③ **Check the wire order.** Usual colour coding: dark (black) wire = negative (GND), red wire = positive supply, light (white) wire = signal. The order of the wires in the connector must match the pins of both devices at both ends.

④ **Push the connectors on.** Push the connector onto the pin header straight and all the way in. Do not force it sideways, so that the pins do not bend.

⑤ **Check the connection** and only then connect the power.

※ A JR connector pushed onto a pin header may not prevent reversed connection. Swapping the positive and GND can permanently damage the connected devices. Such damage is not a defect of the cable.

2.2 Routing the cable in the model

- Route the cable away from rotating parts (propellers, motors, linkages) and away from sharp edges of the frame.
- Secure the cable against vibration so that the connectors do not work loose – for example with a cable tie or a drop of hot glue on the connector.
- Do not bend the cable sharply where the wires exit the connector. Coil any excess length into a loose loop.
- Where possible, do not route the cable tightly along power wires and electronic speed controllers (ESC) – this reduces signal interference.

3. Safety, maintenance and storage

- Inspect the cable regularly. Do not ignore damaged insulation, a loose wire or a loose contact in the connector – replace such a cable.
- Do not shorten or re-solder the cable unless you have the necessary experience. Modifications to the cable are not a product defect.
- Do not expose the cable to water, moisture, open flame or high temperatures, e.g. from a soldering iron or hot motors.
- Store the cable in a dry place out of the reach of children – small connectors can be swallowed.

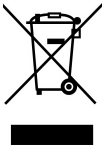
4. Information for the EU and Czech Market

4.1 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

4.2 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.

5. 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 4.1.
- 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.