JST connector with cable

1 pair – male and female
User manual



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

Rotorama, s.r.o. · www.rotorama.cz

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1. Product description

1.1 What it is for

The package contains one pair of cables terminated with a JST connector – one cable with a male and one with a female connector. The connectors mate with each other, giving you a detachable connection of two wires.

The cables are used to wire small electronics in RC models and FPV drones – for example to fit a new connector to a device, to replace a damaged connector or to make your own jumper lead. The free wire ends are connected by soldering.



JST connector with cable – male on the left, female on the right

1.2 Technical data and package contents

Product designation	JST connector with cable (1 pair)
Connector type	JST, 2-pin
Length	100 mm
Wires	red and black
Package contents	1× JST male with cable 1× JST female with cable
Not included	solder, heat-shrink tubing, tools

2. Use

2.1 What you will need

A soldering iron and solder, side cutters, wire strippers, heat-shrink tubing with a heat source (hot-air gun) and, to check polarity and short circuits, we recommend a multimeter.

2.2 Connecting the cable step by step

① Disconnect the device you will be working on from the battery and from any other power source.

② Choose the part (male or female) and make sure the mating connector has the same wiring. The red wire is usually used for plus (+), the black one for minus (−).

③ Cut the wires to the required length and strip a short section at the ends.

④ Slide a piece of heat-shrink tubing onto each wire, tin the wire ends and solder them – red to plus, black to minus.

⑤ Slide the tubing over the joint and shrink it – no bare copper may remain exposed.

⑥ Before connecting power, use a multimeter to check the polarity and for any short circuit.

2.3 Connecting and disconnecting the connector

- Push the connector together straight and without force until it is fully inserted.
- When disconnecting, hold the plastic connector housing; never pull on the wires.
- The connector is intended for small electronics. For powering a drone's propulsion and for other high currents, use connectors designed for that purpose.

2.4 Safety and care

- The soldering iron tip and a fresh joint are hot – work on a non-flammable surface.
- Do not solder on a device connected to a battery – a Li-Po short circuit can cause a fire.
- Replace a damaged connector or a wire with damaged insulation.
- Do not subject the wires at the connector to permanent bending or pulling.
- The product is intended for persons aged 14 and over.

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.cz

3.2 Product conformity

CE

- The product bears the **CE** marking and complies with the requirements of the applicable European Union harmonisation legislation.
- A copy of the **EU Declaration of Conformity** is available from the importer at the address stated above or at the e-mail address info@rotorama.cz.
- **Product identification:** the product designation “JST connector with cable (1 pair)” is given on the proof of purchase.

3.3 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.