GH1.25

Connector and pre-crimped cable kit
User manual



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

www.rotorama.com

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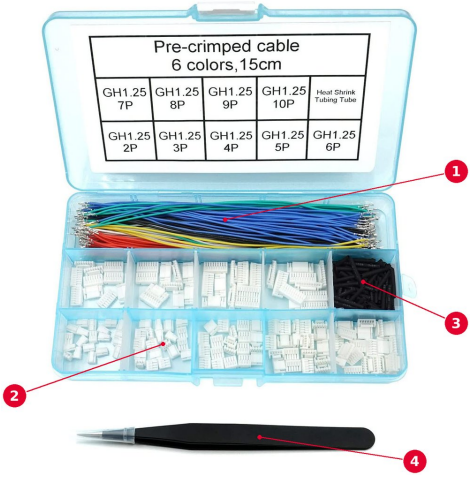
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1. Product description

1.1 Purpose

The kit contains pre-crimped cables and empty **GH1.25** connector housings with 2 to 10 pins. It lets you quickly build an interconnect cable exactly as you need it – with the required number of pins, wire order and colours – without crimping pliers.

In FPV and RC equipment, GH1.25 connectors are used, for example, on some video transmitters (VTX). The cables are crimped at both ends, so one cable makes a jumper with two connectors; after cutting, a cable can also be spliced into existing wiring.



① pre-crimped cables · ② connector housings 2P–10P · ③ heat-shrink tubing · ④ tweezers

1.2 Technical data and package contents

Product designation	GH1.25 Connector and Cable Kit
Connector type	GH1.25
Cable length	15 cm, crimped at both ends
Cables	180 pcs – 6 colours, 30 pcs each
Connector housings	2P, 3P, 4P, 5P, 6P – 20 pcs each 7P, 8P, 9P, 10P – 10 pcs each
Heat-shrink tubing	100 pcs
Tweezers	1 pc

Not included: soldering iron, solder, hot-air gun or crimping pliers. The manufacturer does not state the wire cross-section or current rating.

2. Use

2.1 Safety and general rules

- Always connect and modify cables **with the device unpowered** – with the battery and USB cable disconnected.
- The cables in the kit have no fixed signal assignment. Always check the pin order (e.g. power, GND, TX, RX) in the documentation of both devices being connected. Incorrect wiring can permanently damage the device.
- The kit is intended for signal and low-current connections (e.g. UART, telemetry, GPS, video transmitter). Do not use it to power motors or for battery leads.
- The tweezers have a sharp tip – work carefully.
- Keep small parts out of the reach of children – choking hazard.

2.2 Assembling a connector

① Find out the number of pins of the connector on the device and the signal order.

② Choose a housing with the matching number of pins (2P–10P) and cables in colours that make orientation easier (e.g. red for power, black for GND).

③ Hold the contact with the tweezers just behind its end and push it into the corresponding cavity of the housing until it locks. If the contact is hard to insert, it is probably turned the wrong way – rotate it by 180° and try again. Do not use force.

④ Pull the wire gently to check that the contact is held in the housing.

⑤ Repeat for all wires and check the order against the documentation.

※ Each cable is crimped at both ends. When building a jumper with two connectors, make sure the wire order matches both devices – on a serial link, TX of one device connects to RX of the other and vice versa.

2.3 Splicing into existing wiring

If you need a GH1.25 connector at one end only, cut the cable to the required length and splice it to the existing wire:

① Strip the ends of both wires.

② **Before soldering**, slide a piece of heat-shrink tubing onto the wire.

③ Solder the wires and let the joint cool down.

④ Slide the tubing over the joint and shrink it with hot air.

2.4 Connecting, disconnecting and removing a contact

- Insert the connector into its mating part straight, without force and in the correct orientation.
- When disconnecting, always pull on the connector housing, never on the wires. If the connector has a latch, release it first.

- To remove an incorrectly inserted contact, carefully lift the contact's locking tab in the housing window with the tip of the tweezers and pull the wire out. Before reuse, bend the tab gently back so that the contact is held in the housing again.

2.5 Storage

Store unused parts in a dry place, sorted by number of pins, so that the contacts do not get bent or lost.

The regulations of the country in which the product is used are decisive for its use and for its handling at the end of its service life. The information in Chapters 3 and 4 describes the situation in the Czech Republic.

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 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.