Servo cable 26AWG

Twisted three-core servo cable, length 1 meter
User manual



Always check the correct polarity of the wiring before connecting power.

www.rotorama.com

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1. Product description

1.1 What it is for

The Servo cable twisted 26AWG is a three-core cable, 1 meter long, whose brown, red and yellow wires are twisted together. Each wire has its own PVC insulation. The cable is sold without connectors – you terminate it yourself as required.

The cable is suitable for powering LEDs, RC receivers or servos. Typically it is used to make servo extension and connection leads, receiver leads or leads for the LED lighting of a model. The twist keeps all three wires together and makes it easier to route the cable in the model.



Servo cable twisted 26AWG – 1 meter

1.2 Technical data and package contents

Product designation	Servo cable twisted 26AWG (1 meter)
Wire cross-section	26AWG (0.14 mm²)
Number of wires	3, twisted together
Wire colours	brown, red, yellow
Insulation	PVC
Length	1 m
Package contents	1× cable, 1 m long
Not included	connectors, contacts (pins), heat-shrink tubing, tools

2. Use

2.1 Wire colour coding

For three-core servo cables with brown, red and yellow wires, RC equipment commonly uses the following assignment:



Common wire colour assignment

Wire	Common use
brown	negative supply pole, ground (−, GND)
red	positive supply pole (+)
yellow	signal (S) – e.g. servo control signal or LED data input

❖ Pin assignment may differ between manufacturers. Before wiring, always check the connector pinout of the connected device in its documentation.

2.2 Terminating the cable

The cable is supplied without connectors. Depending on the application, terminate it with a connector (by crimping contacts) or solder it directly to the device:

① **Cutting to length** – measure the required length and cut the cable cleanly. Allow a reserve for routing the cable in the model and for the termination.

② **Stripping** – carefully remove the insulation from the end of each wire, ideally with wire strippers. Do not damage the individual strands of the wire.

③ **Crimping** – crimp contacts (pins) onto the stripped ends with a suitable crimping tool and insert them into the connector housing in the correct order according to Chapter 2.1. The contacts and the housing must match the connector type on the connected device.

④ **Soldering** – when soldering directly to the pads of a device (e.g. a flight controller (FC) or an LED strip), tin the wires first. Solder quickly – PVC insulation melts and shrinks easily with heat.

⑤ **Insulating the joint** – insulate every soldered wire joint with heat-shrink tubing so that the wires cannot touch each other.

2.3 Safe use

- The cable is intended for power and signal connections of small electronics (LEDs, RC receivers, servos). **Do not use it** to carry the main power from the battery to the electronic speed controllers (ESC) or to the motors.
- Before connecting a battery for the first time, check the polarity and make sure that no two wires are short-circuited.
- Route the cable away from propellers and other moving parts, do not run it over sharp edges and secure it in the model (e.g. with tape or a cable tie).
- Do not bend the cable repeatedly at one point, especially right next to a connector or a soldered joint.
- Always work with the power disconnected. Do not use a cable with damaged insulation – replace it.

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.