XT30 female with cable

XT30 connector (female) with 16AWG cable, 10 cm
User manual



Read this manual before use and keep it for future reference. Incorrect wiring or a short circuit of a power connector can damage connected equipment and cause a fire.

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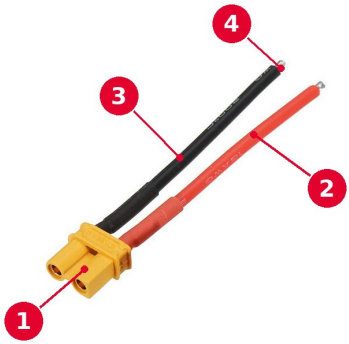
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1. Product description

1.1 Intended use

This product is an **XT30 power connector, female version**, with an attached two-core cable of **16AWG** cross-section and **10 cm** length. The wire ends are free and stripped, ready for soldering.

It is used to make or repair a power lead with an XT30 connector – for example on the battery side, on the power lead of a drone or other model, on a charging cable or when making an adapter. The connector mates with an **XT30 male** counterpart, which is not included.



Product description

① XT30 connector – female (socket with sleeve contacts)

② Red wire – positive pole (+)

③ Black wire – negative pole (−)

④ Stripped wire ends for soldering

1.2 Technical data and package contents

Product designation	XT30 female with cable
Brand	Amass
Connector type	XT30, female
Cable cross-section	16AWG
Cable length	10 cm
Package contents	1× connector with cable
Not included	XT30 male counterpart, heat-shrink tubing for soldered joints, solder and tools

2. Use

2.1 Safety instructions

- Soldering and wiring power leads may only be carried out by a person with the necessary knowledge. The product is not intended for children.
- Never solder or modify a cable connected to a battery or a voltage source. Always disconnect the battery first.
- Prevent short circuits: the stripped wire ends must not touch each other or any conductive parts. A short circuit of a Li-Po battery can cause burns, fire or explosion.
- Observe polarity: the red wire is positive (+), the black wire negative (−). Reversed polarity can destroy the connected electronics.
- Solder in a well-ventilated area, on a non-flammable surface and with eye protection. The soldering iron tip and the joint are hot.
- Do not continue to use a damaged connector or cable (melted housing, cracked insulation, loose contact).
- When installing and using the product, comply with the regulations of the country in which you use it; the law of that country prevails.

2.2 Before connecting

- Make sure that the XT30 connector and the 16AWG cable are suitable for the current that will flow through the connection. An overloaded connector or cable heats up and may melt.
- Consider on which side of the connection you will use the female connector. It is generally recommended that the energy source (e.g. a battery) has the connector with shrouded contacts so that it cannot be short-circuited during handling.
- Check the polarity of the counterpart to which you will connect the connector. The positive and negative poles must be wired identically on both sides of the connection.
- You can shorten the wires as required; then strip the ends again only as far as needed for the joint.

※ The manufacturer does not specify a permissible current or voltage rating for this product. Assess whether the connector and cable are suitable for your application based on the data of the manufacturer of the connected equipment; if in doubt, choose a larger connector and cable.

2.3 Soldering the cable

① Disconnect the battery and all voltage sources from the device to which you will solder the cable.

② Slide heat-shrink tubing onto the wires beforehand if you are making a wire-to-wire joint.

③ Tin the wire ends and the solder pads.

④ Solder the **red wire to the positive (+)** and the **black wire to the negative (−)** pad or wire. Heat the joint so that the solder flows well, but do not overheat the insulation.

⑤ After cooling, inspect the joint: it must be shiny and solid, with no protruding strands. Slide the tubing over it and shrink it.

⑥ Before connecting a battery for the first time, use a multimeter to verify that there is no short circuit between the positive and negative poles and that the polarity at the connector matches the counterpart.

2.4 Connecting, inspection and storage

- Connect and disconnect the connectors by pulling on the housing, not on the cable. The connector is keyed by its shape – do not force the connection.
- Push the connector in all the way. An insufficiently inserted connector has a higher contact resistance and heats up.
- Inspect the housing, contacts and cable insulation before each use. Blackened, melted or loose contacts mean that the connector must be replaced.
- If the connector is noticeably warmer than the cable after use, it is overloaded or worn.
- Store in a dry place, away from direct sunlight, and protect the contacts from dirt and moisture.

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.