



MMCX → SMA Pigtail

Straight, cable length 7.5 cm
User manual



Read this manual before installation. Never power on the video transmitter without an antenna connected.

www.rotorama.com

Contents

1. Product description

1.1 Purpose

1.2 Specifications and package contents

2. Use

2.1 Installation

2.2 Handling

2.3 Troubleshooting

3. Information for the EU and Czech Market

3.1 Importer and responsible person in the EU

3.2 Disposal of electrical equipment

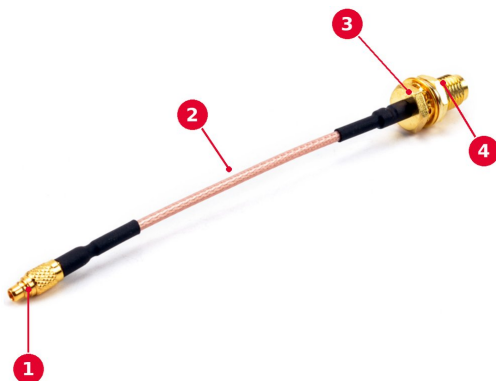
4. Warranty and rights arising from defective performance

1. Product description

1.1 Purpose

The MMCX → SMA pigtail is a short coaxial adapter cable used to connect an antenna with an **SMA** connector to a video transmitter (VTX) with an **MMCX** antenna connector. One end of the cable has a straight MMCX connector, the other end has a threaded SMA connector onto which the antenna is screwed.

The SMA end comes with a nut and washer, so it can be firmly mounted in a hole in the frame or in an antenna mount. The antenna then does not hang directly on the small connector of the video transmitter, which could easily be damaged in a crash, and it can be replaced conveniently.



MMCX → SMA pigtail, straight, 7.5 cm

- ① MMCX connector (straight) – connects to the video transmitter
- ② Coaxial cable
- ③ Nut and washer for mounting in the frame or mount
- ④ SMA connector thread – the antenna is screwed on here

1.2 Specifications and package contents

Product designation	MMCX->SMA Pigtail straight (7,5cm)
Type	coaxial adapter cable (pigtail)
Connector on the VTX side	MMCX, straight
Connector on the antenna side	SMA, with nut and washer
Cable length	7.5 cm
Package contents	1× pigtail
Not included	antenna, video transmitter

2. Use

2.1 Installation

- ① Disconnect the power – on a drone, unplug the battery.
- ② Pass the SMA end through the hole in the frame or antenna mount and secure it with the nut and washer. Tighten the nut with care, without excessive force.
- ③ Place the MMCX connector squarely onto the antenna connector of the video transmitter and press until it clicks. Do not push at an angle and do not use tools.
- ④ Route the cable so that it is not under tension, not sharply bent and out of reach of the propellers. Secure it with a cable tie if necessary.
- ⑤ Screw an antenna with an SMA connector onto the SMA thread and tighten it by hand.
- ⑥ Only then connect the power.

Never power on the video transmitter without an antenna connected – it may be damaged.

2.2 Handling

- SMA and RP-SMA connectors are not interchangeable. Use an antenna with an **SMA** connector.
- Disconnect the MMCX connector by pulling on the connector body, never on the cable.
- The MMCX connector wears with repeated connecting and disconnecting – do not disconnect it unnecessarily.
- Do not bend the cable sharply near the connectors.
- After every crash, check that the connectors are firmly seated and the cable is not damaged.

2.3 Troubleshooting

Problem	Cause and solution
Weak or noisy image, short range	The antenna is not tightened, the MMCX connector is not fully seated or the cable is damaged. Tighten the antenna, snap the MMCX connector in again, replace a damaged pigtail.
The antenna cannot be screwed on or has no contact	The antenna has a different connector type (e.g. RP-SMA). Use an antenna with an SMA connector.
The MMCX connector falls off by itself	The connector on the pigtail or on the video transmitter is worn. Replace the pigtail and check the connector of the video transmitter.

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@rotorاما.cz
Phone	+420 252 252 098
Website	www.rotorاما.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.