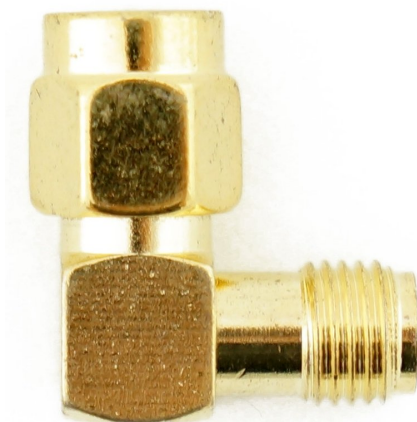




Adapter 90°

Right-angle SMA / RP-SMA antenna adapter
User manual



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

www.rotorama.com

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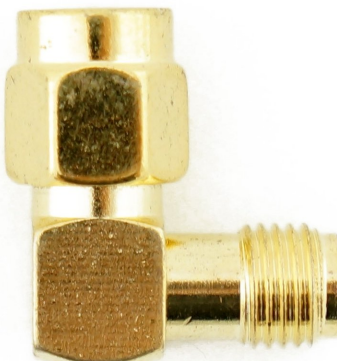
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1. Product description

1.1 What it is for

The Adapter 90° is a right-angle adapter for mounting an antenna at a 90° angle to the antenna connector of a device – typically a video receiver or video transmitter (VTX). This allows the antenna to point in a different direction than the connector on the device.

The adapter is available in three variants according to connector type: **SMA - SMA**, **RP-SMA - RP-SMA** and **RP-SMA - SMA**. Choose the variant according to the connectors on the device and on the antenna.



Adapter 90° – right-angle antenna adapter

1.2 Technical data and package contents

Product type	right-angle antenna adapter, 90°
Connector variants	SMA – SMA RP-SMA – RP-SMA RP-SMA – SMA
RP-SMA – SMA variant	device side: RP-SMA (nut with a hole) antenna side: SMA (thread with a hole)
Package contents	1× adapter
Not included	antenna, video receiver or video transmitter
Product designation	Adapter 90° – variant according to the selected connector

2. Use

2.1 What you will need

- the adapter in the variant matching the connectors of the device and the antenna,
- an antenna with a threaded SMA or RP-SMA connector,
- a device with an SMA or RP-SMA antenna connector (e.g. a video receiver or video transmitter).

2.2 Connecting the antenna via the adapter

- ① Switch the device off. If an antenna is connected to it, unscrew it.
- ② Screw the adapter onto the antenna connector of the device. Before final tightening, turn the angled part to the desired direction.
- ③ Screw the antenna onto the free end of the adapter.
- ④ Tighten both joints **by hand only**, with care. Check that the joints are secure and that the antenna does not touch anything. Only then switch the device on.

2.3 SMA or RP-SMA?

SMA and RP-SMA connectors have the same thread, so they can be screwed onto each other. However, they differ in the arrangement of the centre contact – when SMA is connected to RP-SMA, the centre contacts do not connect and the antenna will not work. Before purchase and installation, check which connector the device and the antenna have, and choose the matching adapter variant.

2.4 Safety and care

- Never switch on a video transmitter (VTX) without an antenna connected – it may be damaged. After fitting the adapter, always check that the antenna is properly connected.
- Tighten the joints by hand only; do not use pliers or other tools. Overtightening can damage the thread or the device connector.
- The adapter increases the leverage of the antenna. In an impact or crash, the force is transferred to the device connector – protect the antenna from impacts and regularly check that the joints have not loosened.
- Keep the connectors clean and dry.
- When operating FPV equipment, the law of the country in which you operate it applies.
- 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@rotorاما.cz
Phone	+420 252 252 098
Website	www.rotorاما.com

3.2 Disposal

- The product contains no electronics or batteries.
- At the end of its service life, take it to a scrap metal collection point or dispose of it in accordance with the rules of your municipality.
- In some EU countries, passive conductive parts may also fall under the take-back of electrical equipment – follow the rules of the country in which you dispose of the product.

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.