

Antenna

RST-869V-3

POPIS

The RTS-869V-3 antenna is intended for use with 868 MHz radio sets. The antenna has circular polarization, low VSWR and is less directional. The radiators are located in a plastic housing. An additional handle allows the antenna to be carried easily. The antenna is equipped with an N-female connector.



TECHNICAL SPECIFICATIONS

Electronic information RST-869V-3	
Frequency band [MHz]	864÷875
Gain [dBi]	9
Angle of radiation vertical/horizontal [°]	64/64
Reduction of unwanted emissions [dB]	14
Impedance [Ω]	50
Standing wave ratio [-]	1.2
Max. power [W]	10
Polarization	elliptical

Mechanical information RST-869V-3	
Weight [g]	480
Dimensions [mm]	240x240x45
Connector	N - female
Antenna and accessories material	Galvanized steel, D16, brass
Housing material	Polycarbonate + ABS
Protective coating	Polymeric colour

RECOMMENDATION

The antenna should be placed in a location where there is a direct line of sight to the equipment being read.

The location should meet the following requirements:

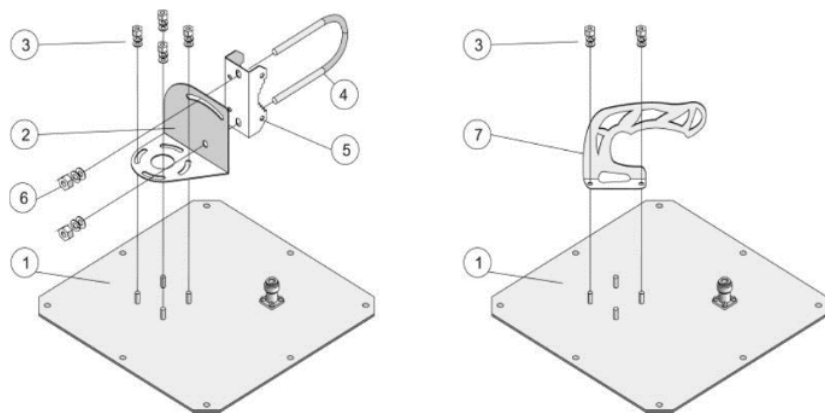
- There should be no nearby high obstacles (e.g. Roofs, buildings, trees, hills) in the path from the antenna to the equipment to be read, as this prevents signal propagation. If metal or other objects are closer than 1-1.5 m from the antenna, this may affect the reflection of radio waves and the quality of communication
- The distance between the antenna and your readout unit must be as short as possible, as using a long connection cable can lead to signal loss and communication degradation

PACKAGE CONTENTS

1. Antenna RST-869V-3 - 1pcs
2. Handle - 1pcs
3. Installation manual - 1pcs
4. Packaging (box) - 1pcs

1. To assemble the antenna in portable design, screw the handle (7) to the antenna body (1) with washer and nuts (3)
2. Connect the connector to the connecting cable or adapter to your unit

If you are using a portable version of the antenna, hold it in your hand by pointing it towards the location of the readings



CONTACTS

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Your distributor:

The manufacturer reserves the right to change the design, technical specifications and accessories without prior notice.

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