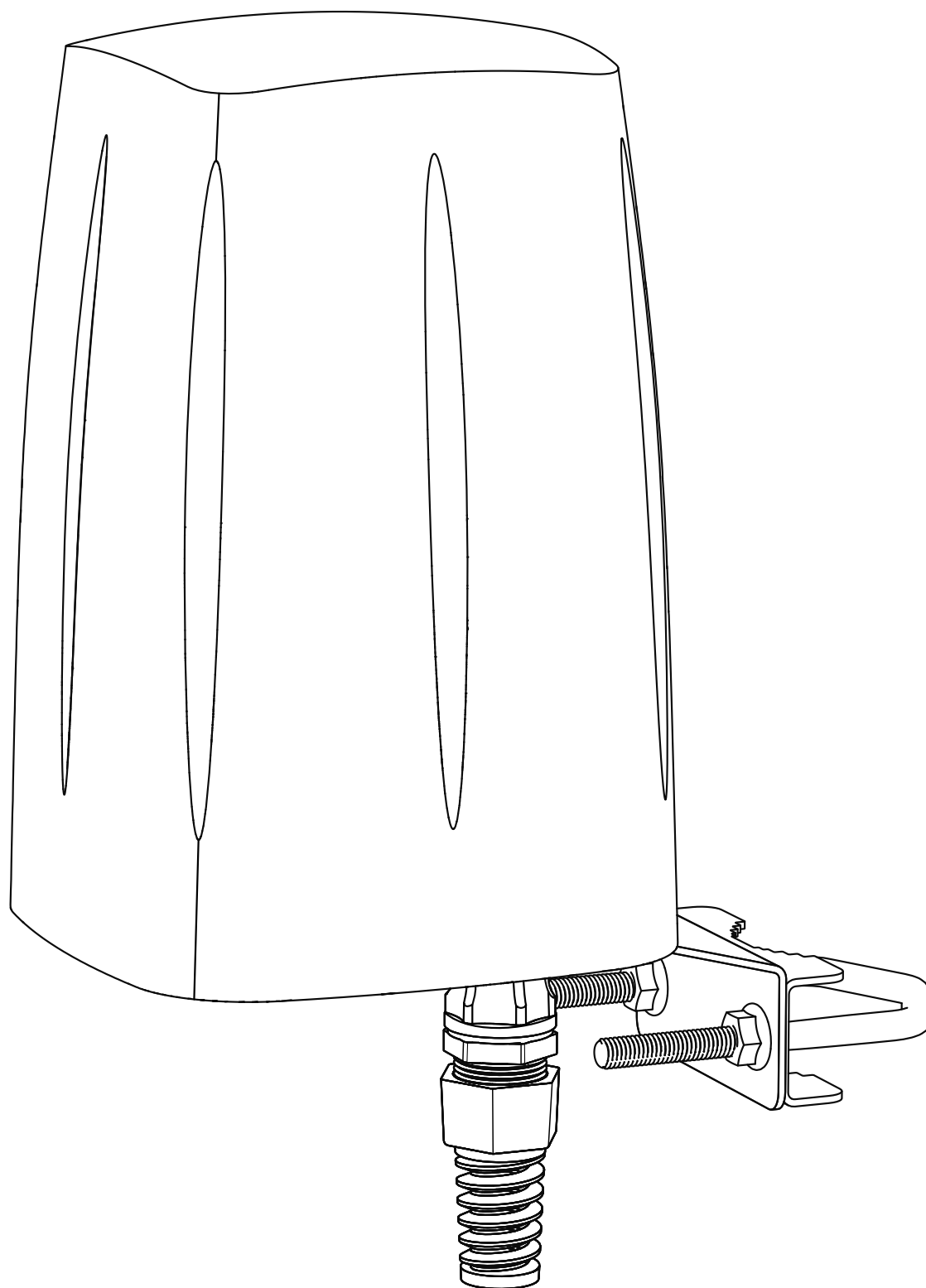
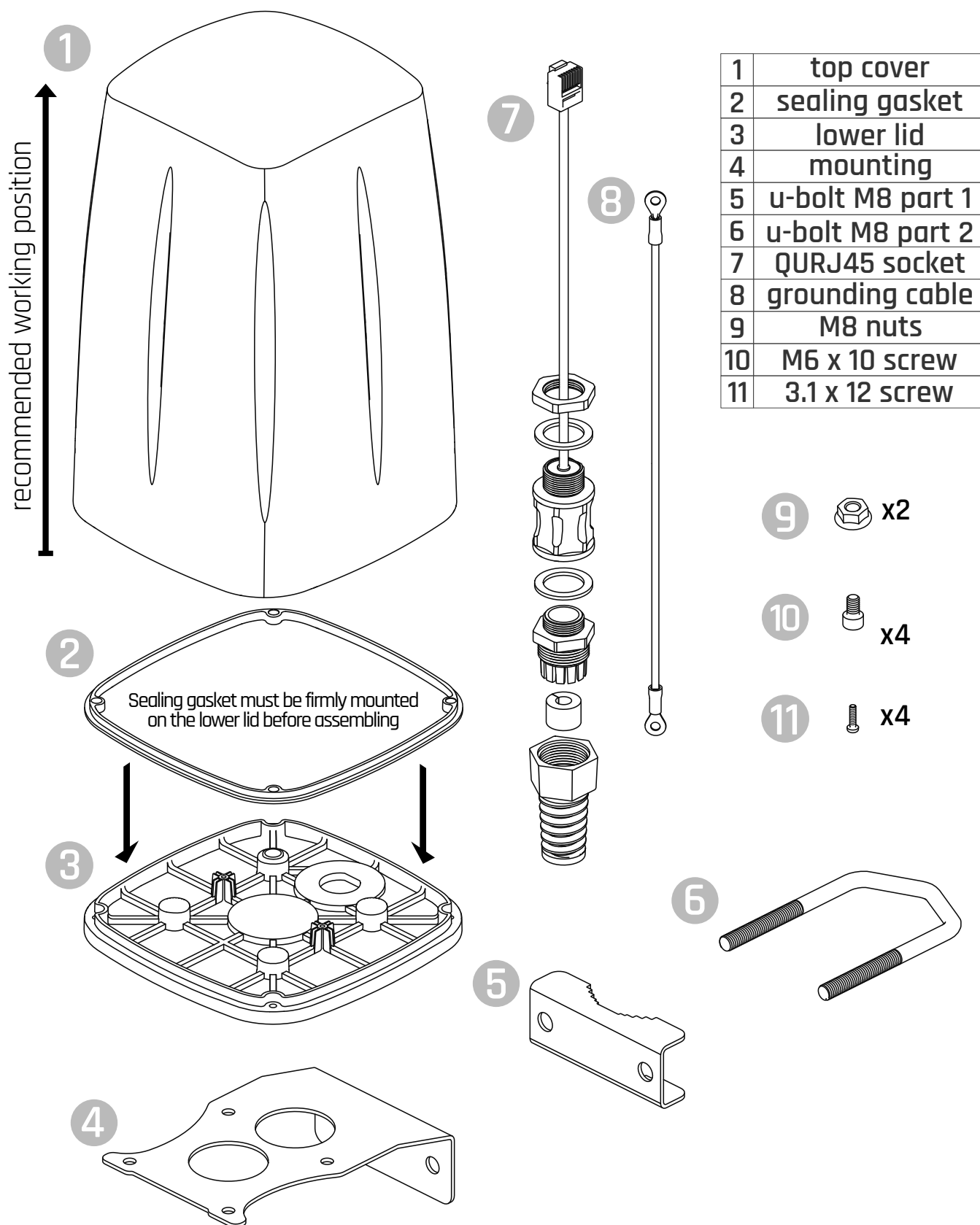


Quick Installation Guide

Antenna QuSpot for Teltonika RUTX50

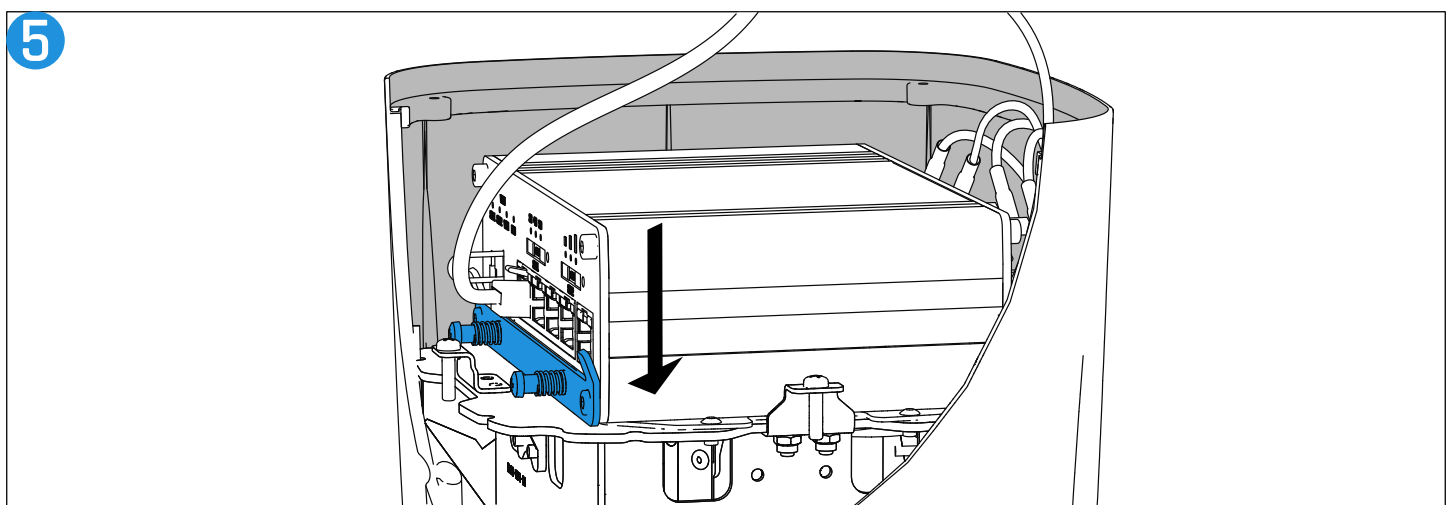
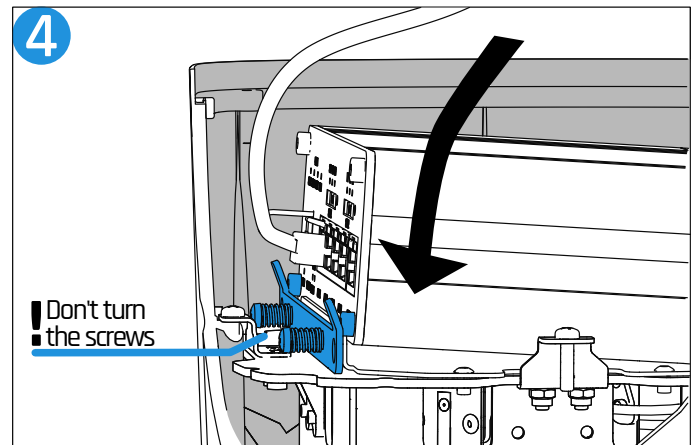
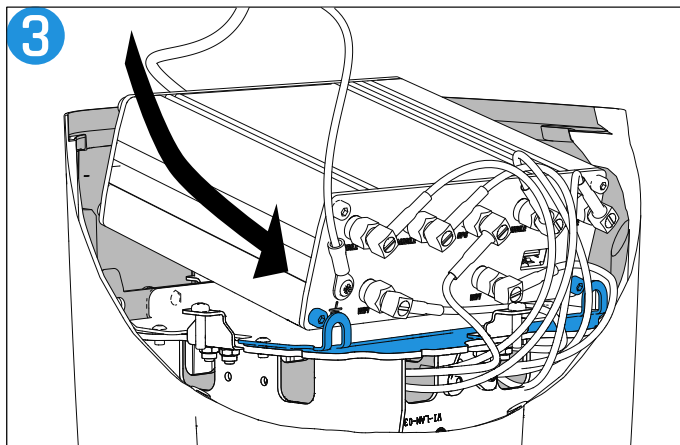
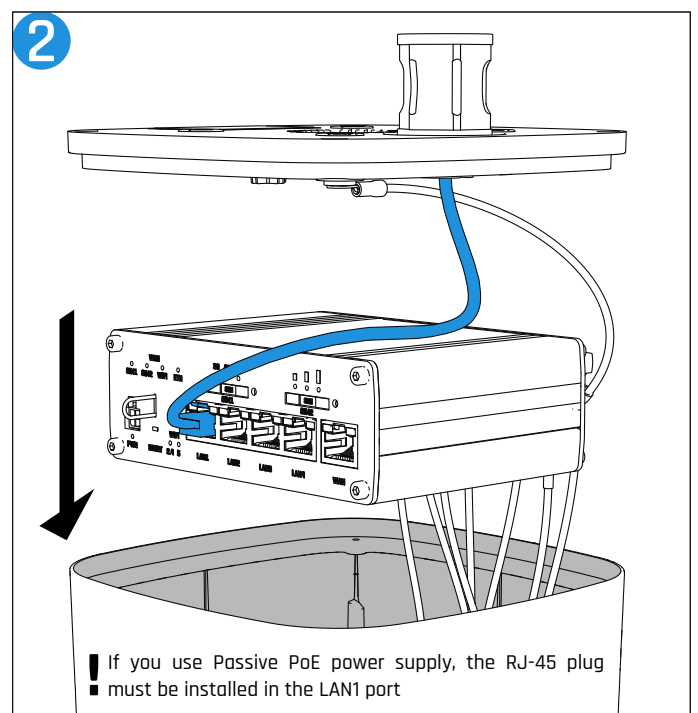
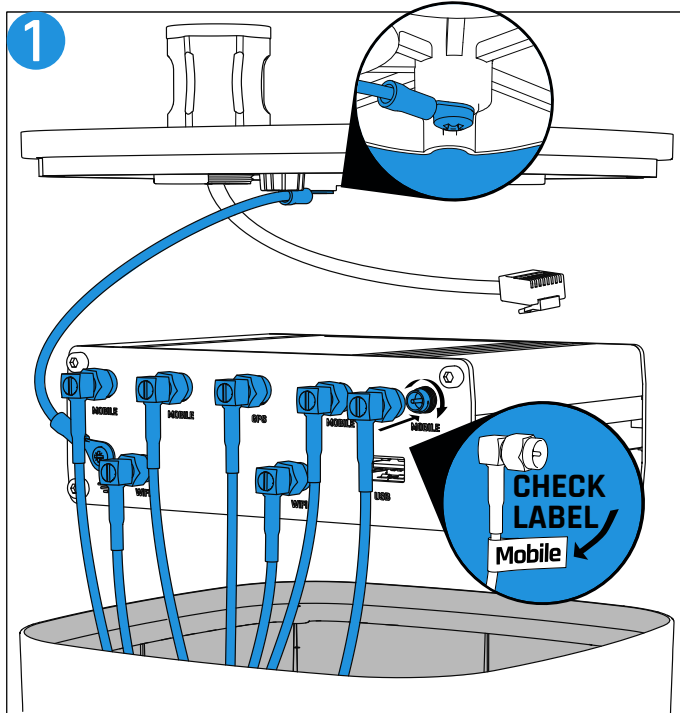


What's inside

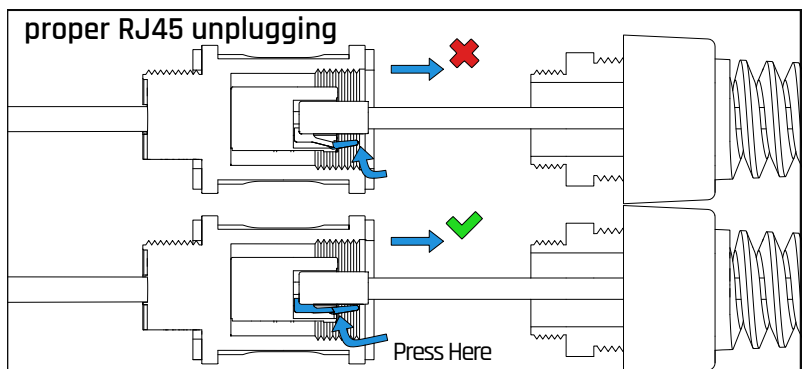
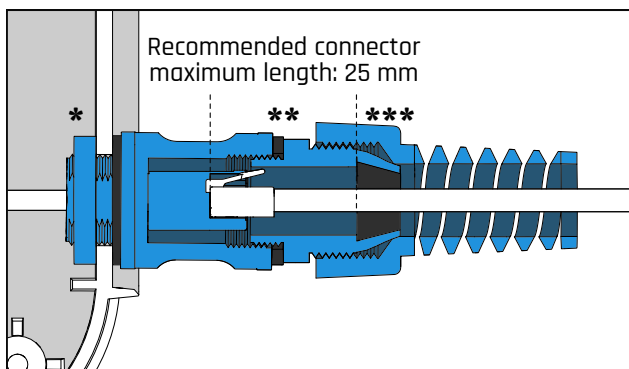
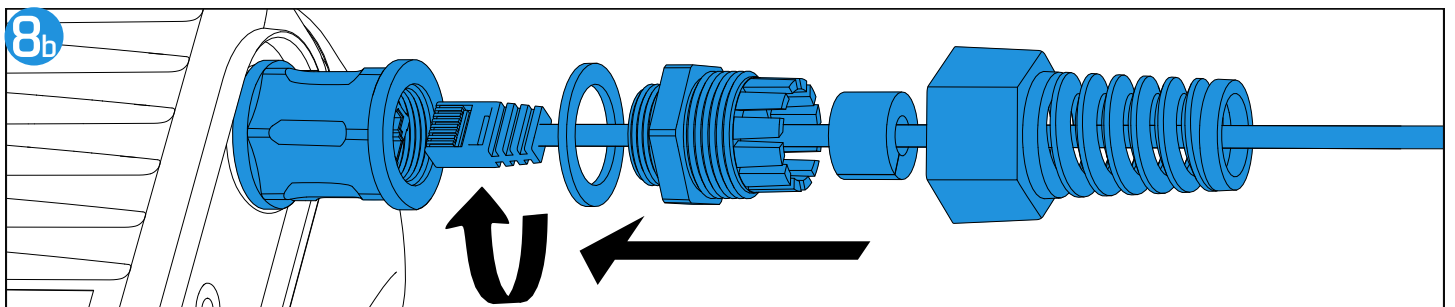
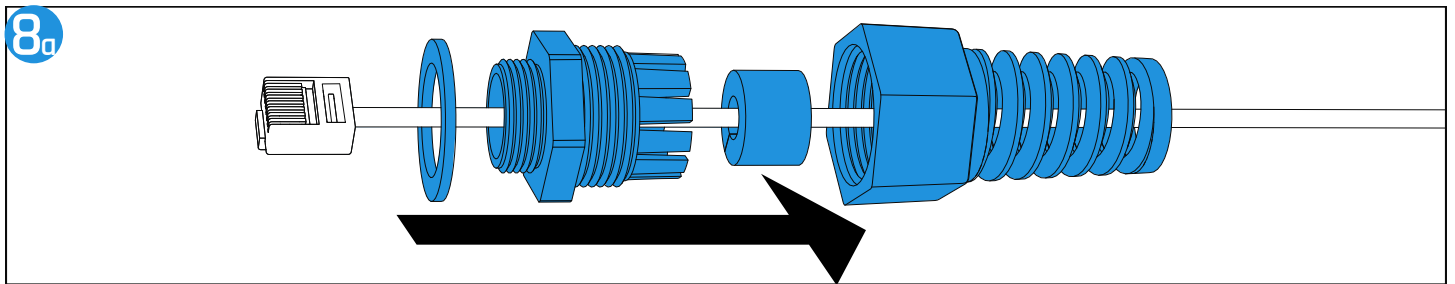
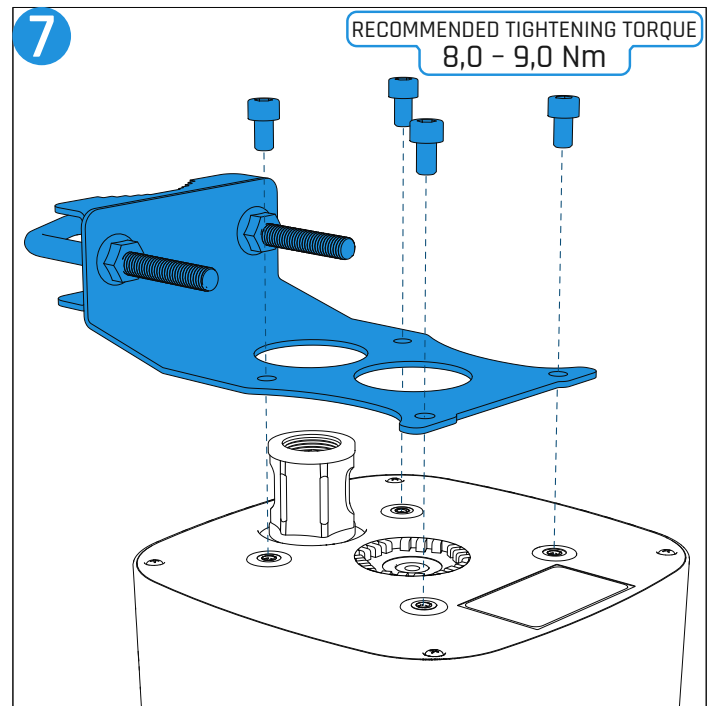
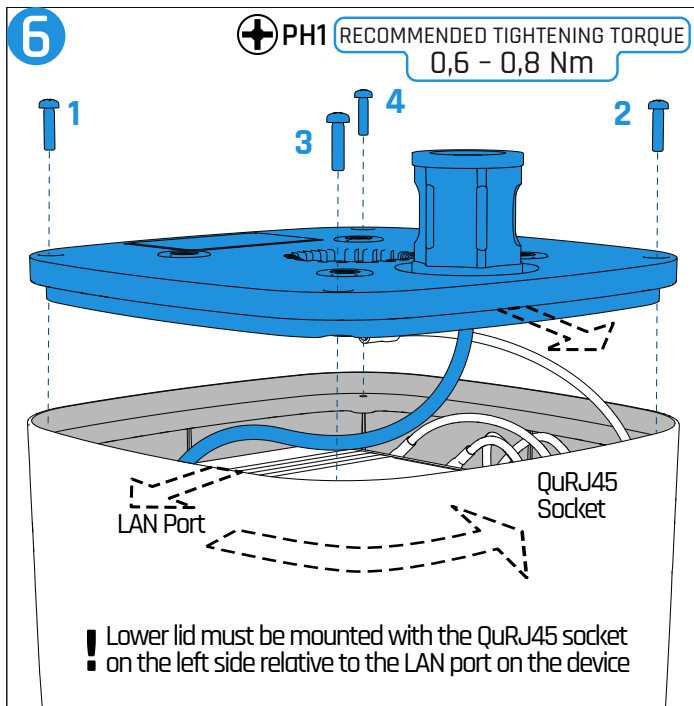


*Product is not suitable for pressure washing

Antenna Installation



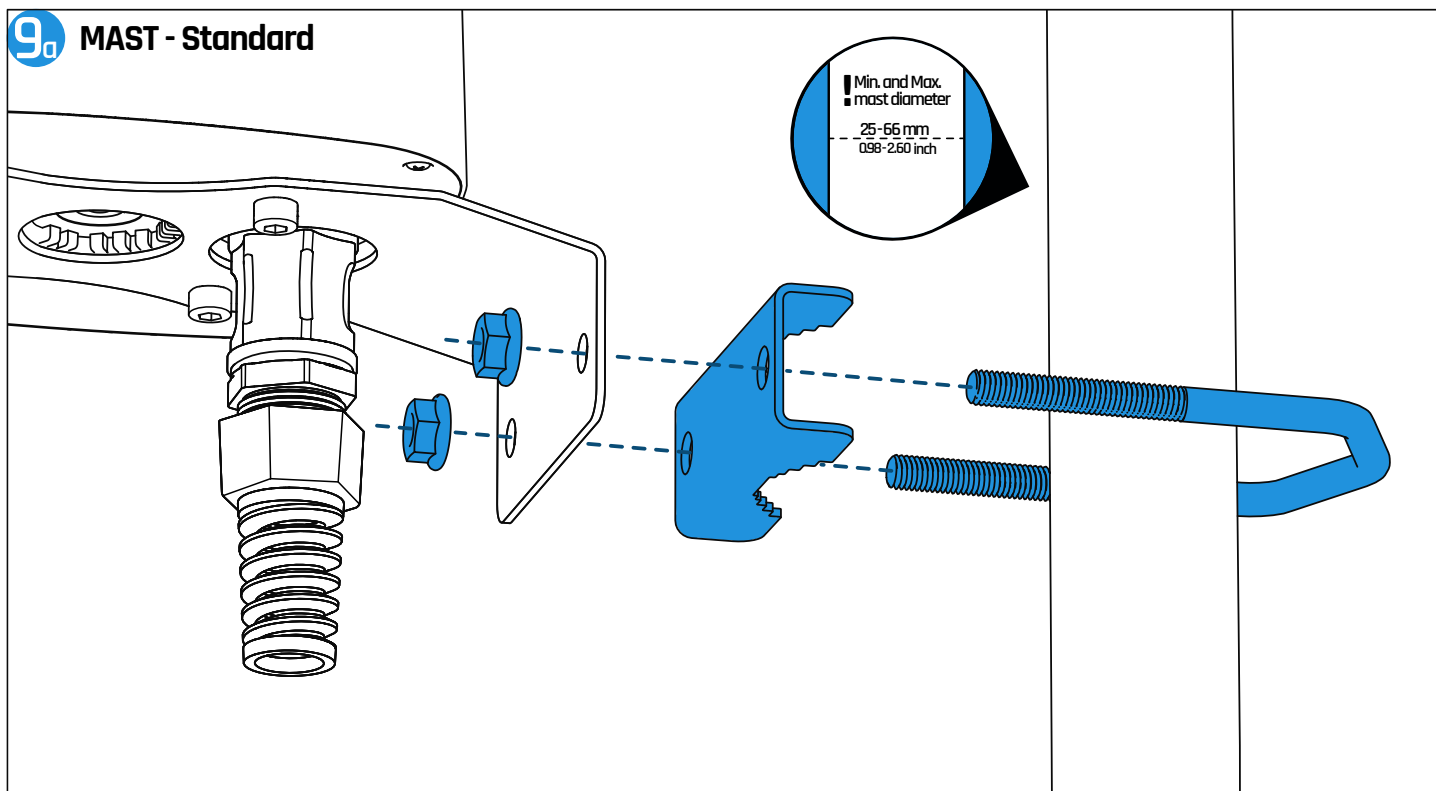
Antenna Installation



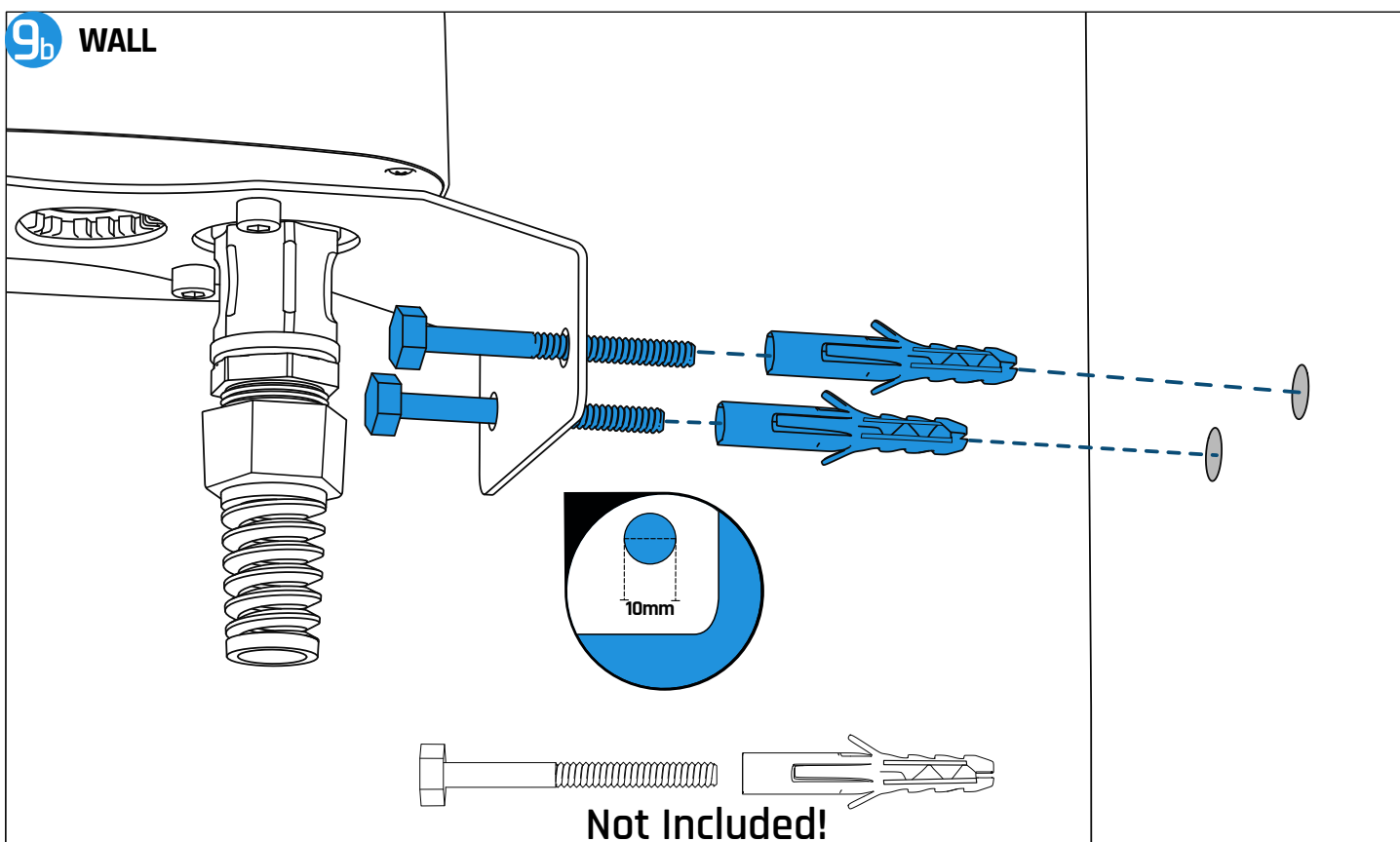
Mast and Wall Installation



9_a MAST - Standard

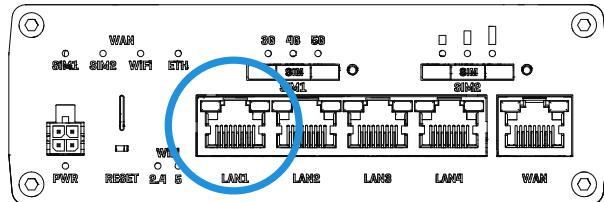


9_b WALL



10a POE Power Supply - STANDARD

Please note that Teltonika routers only support
Passive PoE on the LAN1 port

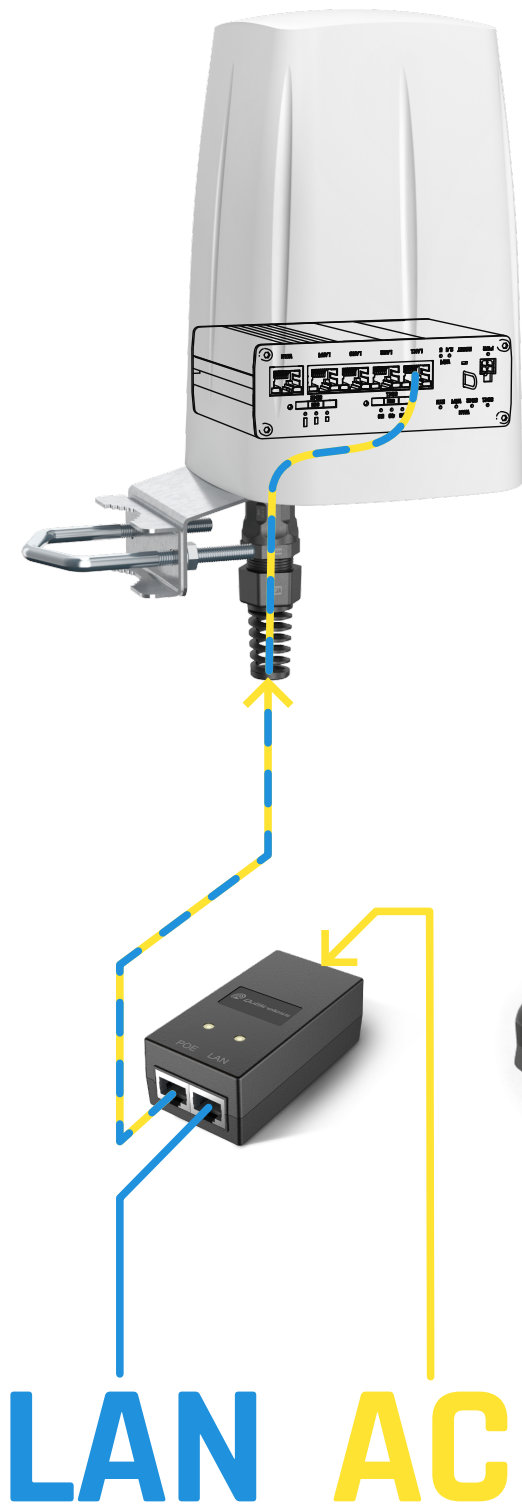


Please note that:

- Teltonika routers are NOT COMPLIANT with the IEEE 802.3af-2003 standard: powering the device from an IEEE 802.3af-2003 power supply will damage the device as it is not rated for input voltages of the PoE standard.
- Teltonika routers NOT COMPLIANT with the IEEE 802.3at standard: it cannot power other devices over Ethernet.

For power supply, you can use any Gigabit Passive PoE power supply with a voltage of 18-48V in the case of RUTX series routers.
You can use, for example, a power supply from our offer: [QuPSU GP241](#)

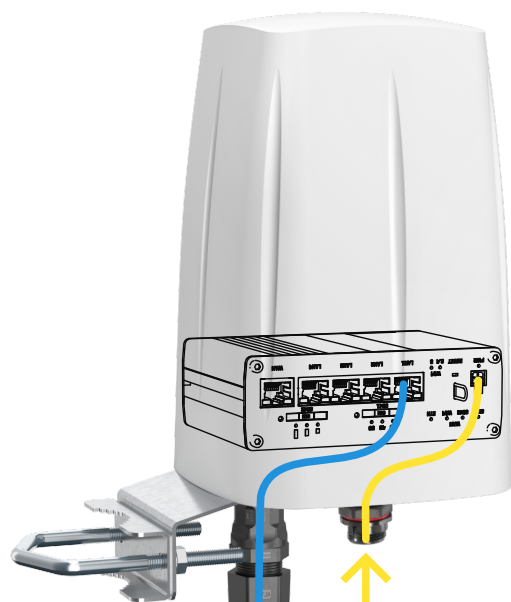
Please note that the Passive PoE power supply is not included.



Power Supply Installation

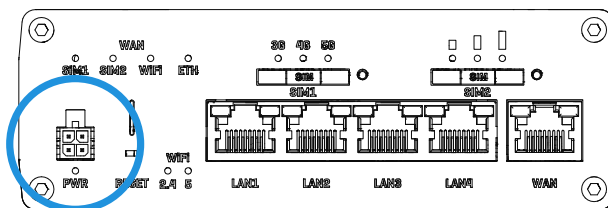


10_b DC Power Supply - OPTIONAL



LAN **DC**

Please note that for Teltonika RUTX series, the DC power source ranges from 9 to 50 VDC, while for the RUT series it is 9 to 30 VDC.



Low-voltage DC power source is used for installations in vehicles, boats and other locations where such a source already exists. This allows you to directly power a device from the vehicle. This is a practical and cost-effective solution that ensures reliability and simplifies the use of power in these locations. You can also power the router by VDC power supply unit (PSU).

For using DC power supply you will need, for example, a power socket from our offer: [QuPS4](#) (for two-pin power socket devices we also have: [QuPS2](#))

Please note that the Power Socket is not included.

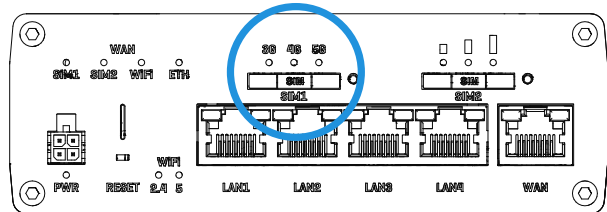


Recommended tightening torque: 0,3 - 0,5 Nm



+ QuSIM - Outdoor SIM Adapter

Waterproof outdoor SIM card slot adapter



Length: 20cm flexible tape

Mounting hole: M21 with cutoff 19.2mm

Ingress protection: IP67

Recommended tightening torque: 1,0 - 1,2 Nm



Nano → Reversed Mini



Nano → Nano



Nano → Micro



Nano → Mini

Installation and Usage Requirements

Before installation, the corrosivity category must be assessed in accordance with ISO 12944-2. For environments classified as C3 or higher (or when assessment is not possible), A4 (316) stainless steel components must be used. The manufacturer is not responsible for corrosion when standard mounting elements are used in harsh conditions.

At temperatures above +40 °C and with large fluctuations (>20 °C), the use of a vent plug is recommended. Failure to use a vent may result in the formation of negative or positive pressure inside the enclosure, condensation of water vapor, and accelerated corrosion of internal components.

In vibration-prone environments, anti-vibration dampers are required. Failure to use them may result in damage; the manufacturer assumes no responsibility.

Only external Ethernet cables (resistant to moisture and UV radiation) must be used. The use of indoor cables may lead to rapid degradation of insulation (and ultimately the device) due to UV exposure, low temperatures, and moisture ingress.

Use Ethernet cables with connectors not exceeding 25 mm in length. Connectors longer than 25 mm do not properly compress the seal, which may result in loss of connector tightness.

QuSpot antennas are intended for stationary installations. For mobile applications, dedicated mobile antennas or additional vibration dampers are required.

All mounting screws, nuts, and connectors must be tightened in accordance with the installation manual and using the recommended torque values.