

## Antenna STA3 Installation Instructions

### Tools Required

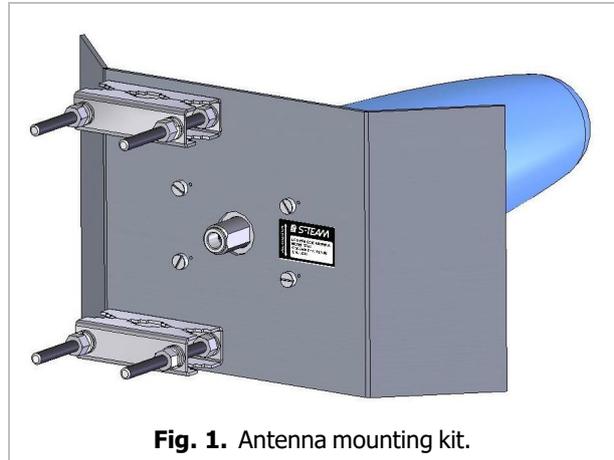
10 mm x 2 or adjustable wrench

### Mounting Pipe Diameter

30 – 45 mm

### Preparation

Antenna STA3 is shipped from the factory with a fully assembled mounting kit. Unpack the antenna and check if all fixture parts ([Tab. 1](#) below) are included.



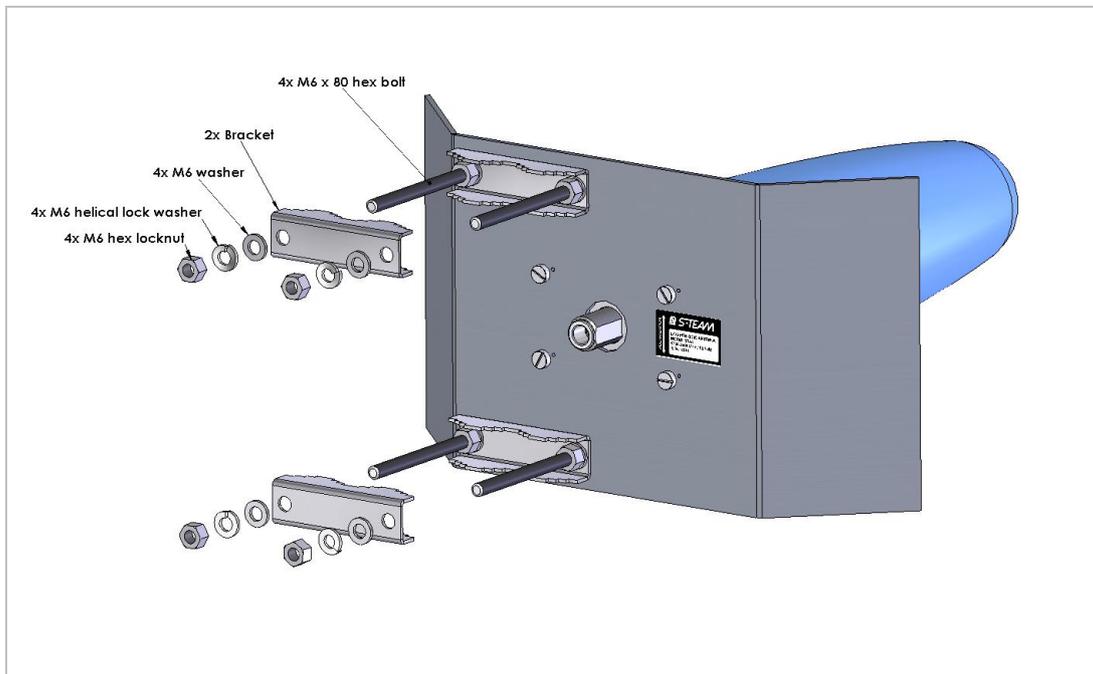
**Fig. 1.** Antenna mounting kit.

**Tab. 1.** Mounting kit parts

Item	Qty.	Description	
1	4 pcs	M6 x 80 mm Hex Head Bolt	
2	8 pcs	M6 Hex Head Nut	
3	12 pcs	M6 Washer	
4	4 pcs	M6 Helical Lock Washer	
5	4 pcs	Bracket	

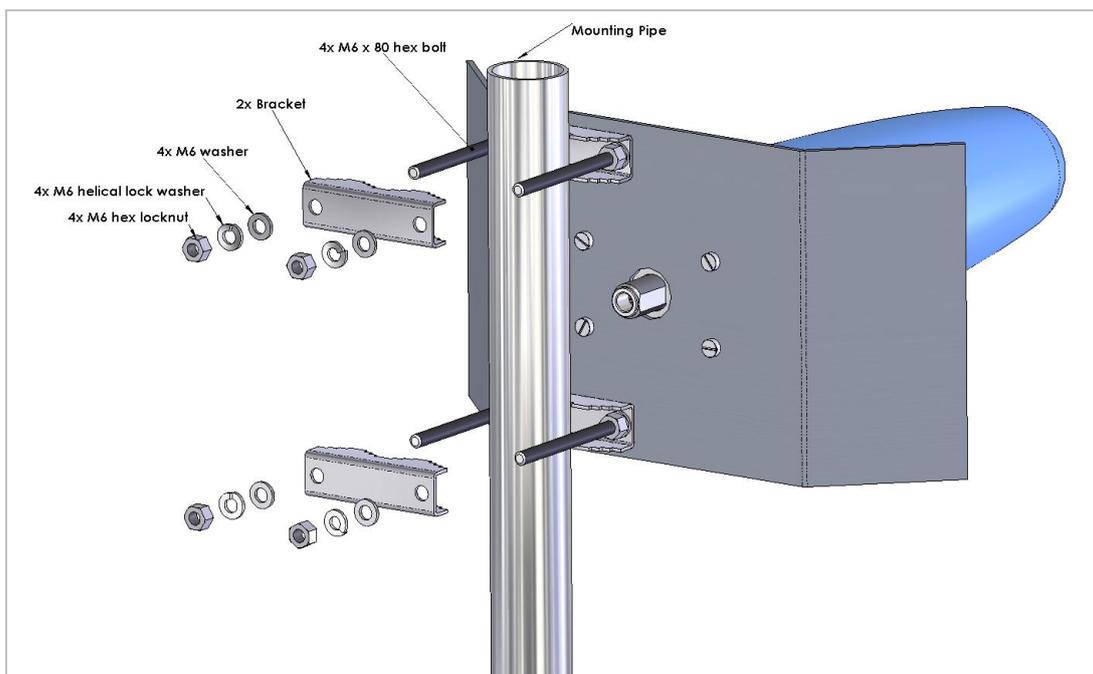
## Installation

1. Unscrew the four M6 nuts and remove the helical lock washers, washers, and the two outer brackets (Fig. 2 below).



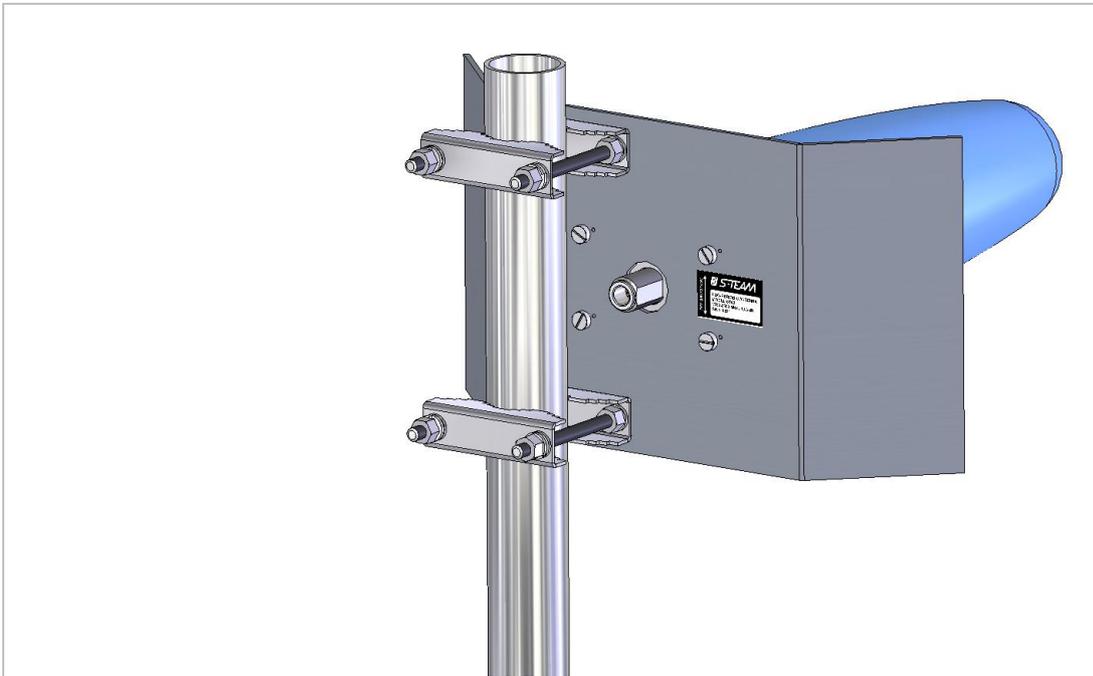
**Fig. 2.** Mounting kit preparation.

2. Properly orient the antenna and attach it to the mounting pipe (Fig. 3 below). The antenna polarization is marked on the antenna label. For horizontal polarization, use a horizontally oriented mounting pipe.



**Fig. 3.** Attaching STA3 to a mounting pipe.

3. Insert the brackets, washers, helical lock washers, and M6 hex nuts ([Fig. 4](#) below). Tighten the nuts lightly by hand. Rotate the antenna to the desired direction. Tighten the nuts firmly with a wrench (torque 40 Nm).



**Fig. 4.** Final fixing of STA3.

### Important Note

The installation, maintenance, or removal of an antenna requires qualified and experienced personnel.

- Do not install near power lines.
- Do not install on a wet or windy day or when lightning or thunder is in the area.
- Wear shoes with rubber soles and heels. Wear protective clothing including a long-sleeved shirt and rubber gloves.