

Symmetrical Horn SH-TP

SYMMETRICAL HORN ANTENNA WITH TWISTPORT CONNECTOR
AND CARRIER CLASS PERFORMANCE

SH-TP-5-30, SH-TP-5-40, SH-TP-5-50, SH-TP-5-60,
SH-TP-5-70, SH-TP-5-80, SH-TP-5-90



Symmetrical Horn SH-TP

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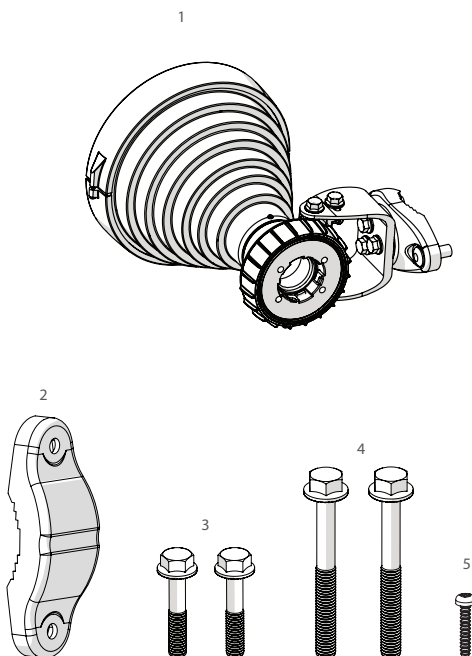
Overview

	Product ID	Dimensions	Weight	Gain
30° Horn SH-TP 5-30	SH-TP-5-30	280x202x270 mm	2 Kg 4.4 lbs	18.5 dBi
40° Horn SH-TP 5-40	SH-TP-5-40	273x186x189 mm	2 Kg 4.4 lb	16.2 dBi
50° Horn SH-TP 5-50	SH-TP-5-50	253x145x161 mm	1.7 Kg 3.7 lbs	14.3 dBi
60° Horn SH-TP 5-60	SH-TP-5-60	260x161x148 mm	1.5 Kg 3.3 lbs	13.2 dBi
70° Horn SH-TP 5-70	SH-TP-5-70	250x140x129 mm	1.7 Kg 3.7 lbs	11.5 dBi
80° Horn SH-TP 5-80	SH-TP-5-80	258x155x127 mm	1.7 Kg 3.7 lbs	10.4 dBi
90° Horn SH-TP 5-90	SH-TP-5-90	260x159x127 mm	1.5 Kg 3.3 lbs	10 dBi

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Package Contents



Number	Decsription	Quantity
1	SH-TP Body	1x
2	SH-TP Bracket	1x
3	M8 x 45mm Screw ^a	2x
4	M8 x 75mm Screw ^b	2x
5	2,9 x 16 mm Lock Screw	1x

^a for pole diameter of 25 - 50mm (1 - 2 inch)

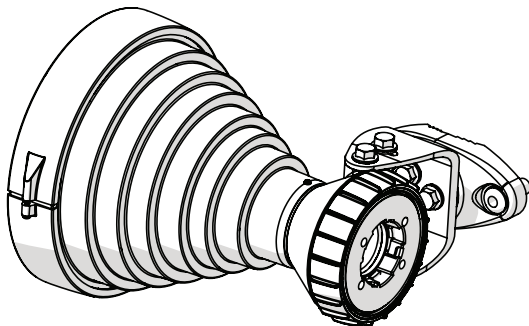
^b for pole diameter of 50 - 80mm (2 - 3 5/32 inch)

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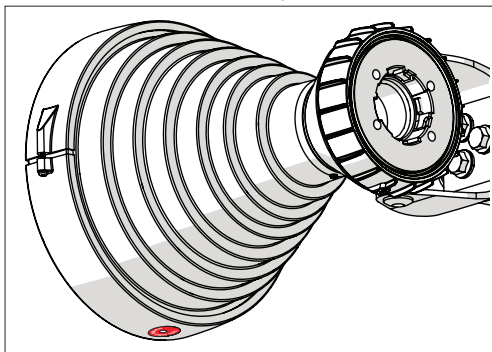
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Pre - Installation

The antenna is pre-assembled for installation on the left side of the pole.
If you need to swap to use the right side of the pole, see page 10.



Ensure that the water drain points downwards!

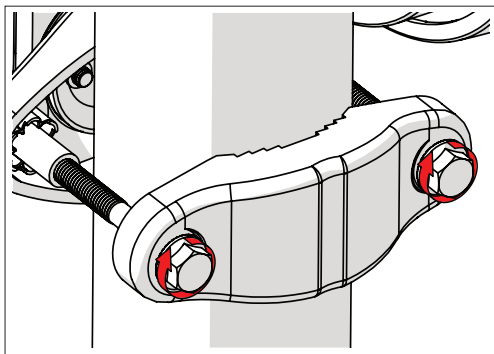
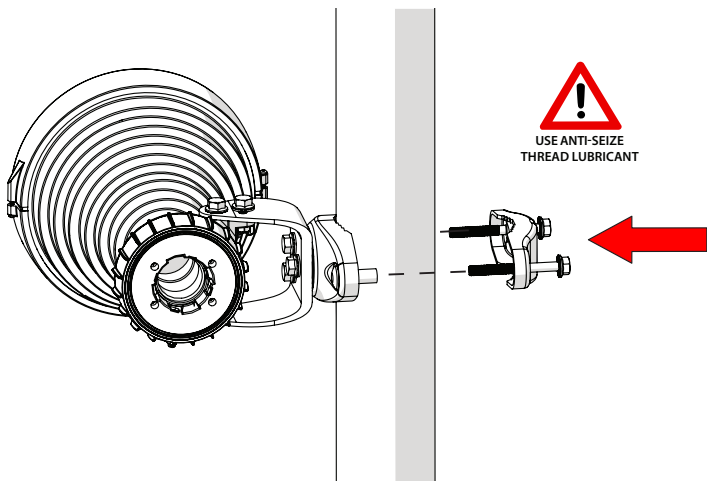


Model SH-TP-5-30 shown. Installation instructions are identical for other Symmetrical Horn models.
Antenna dimensions may differ.

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Pole Installation

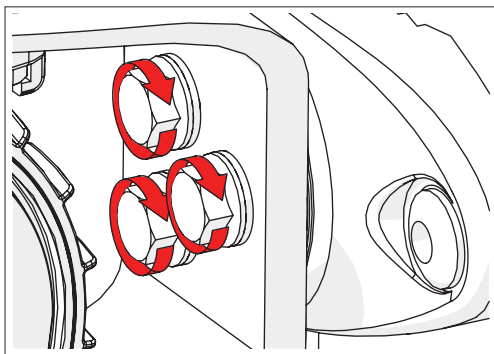
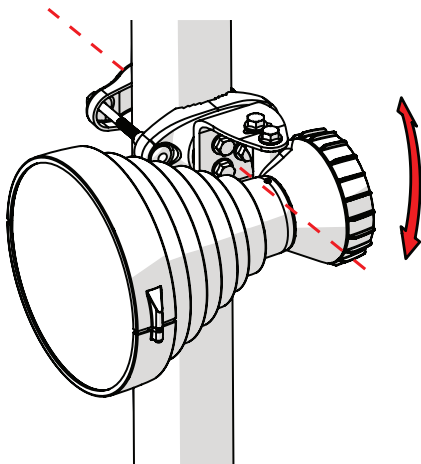


Model SH-TP-5-30 shown. Installation instructions are identical for other Symmetrical Horn models. Antenna dimensions may differ.

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Installation Guide

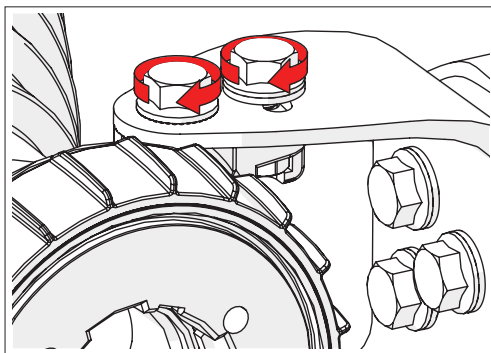
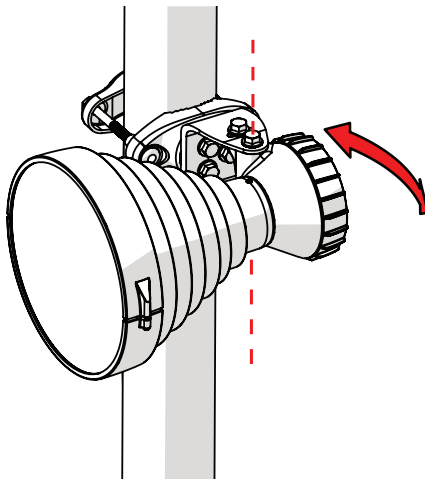


Model SH-TP-5-30 shown. Installation instructions are identical for other Symmetrical Horn models. Antenna dimensions may differ.

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Installation Guide

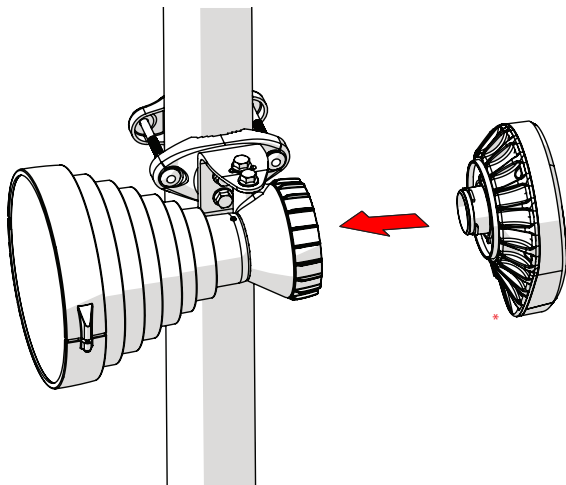


Model SH-TP-5-30 shown. Installation instructions are identical for other Symmetrical Horn models. Antenna dimensions may differ.

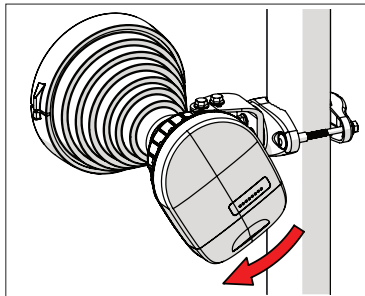
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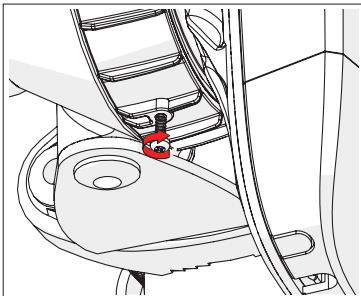
Installation Guide



1



2 **Optional:** Install the 2.9 x 16mm locking screw.



Tighten the locking screw to secure the TwistPort lock mechanism.

* TwistPort™ Adaptor or SIMPER™ Radio sold separately.

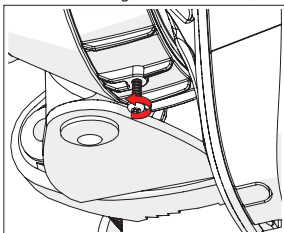
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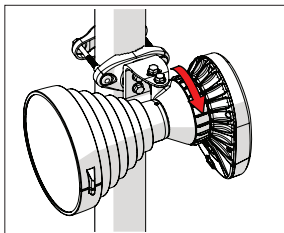
Installation Guide

1 If the locking screw was used,

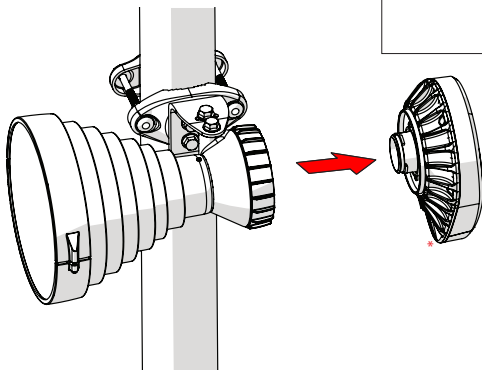
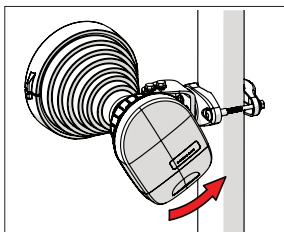


unscrew it by about 10 mm
before unlocking the TwisPort mechanism.

2



3



* TwisPort™ Adaptor or SIMPER™ Radio sold separately.

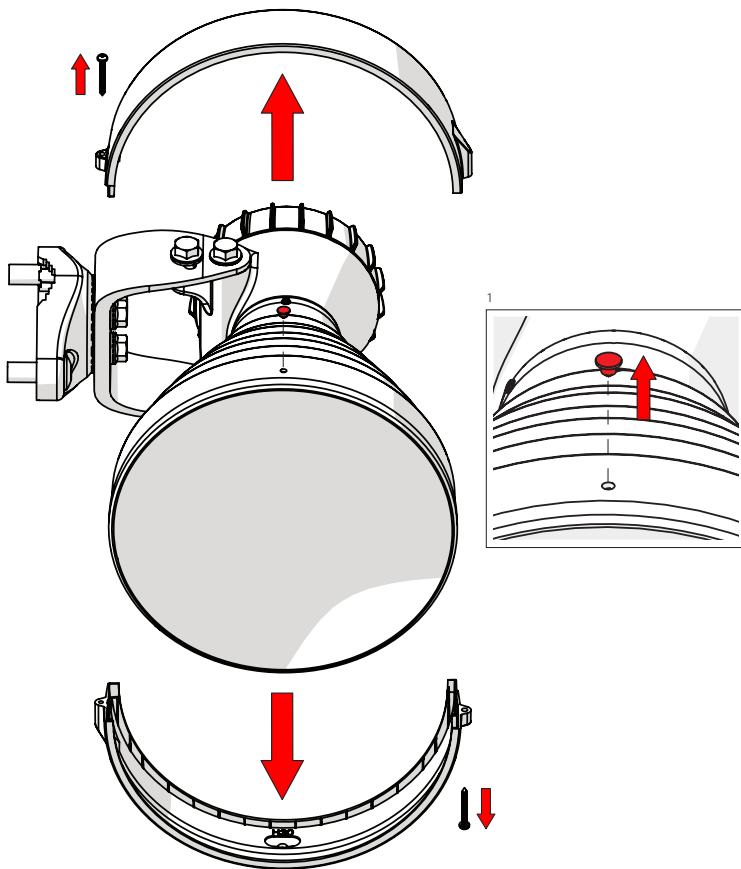
Model SH-TP-5-30 shown. Installation instructions are identical for other Symmetrical Horn models.
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Pre - Installation

Optional: Right side of the pole mounting.



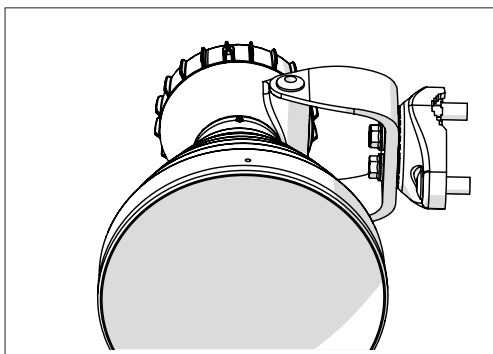
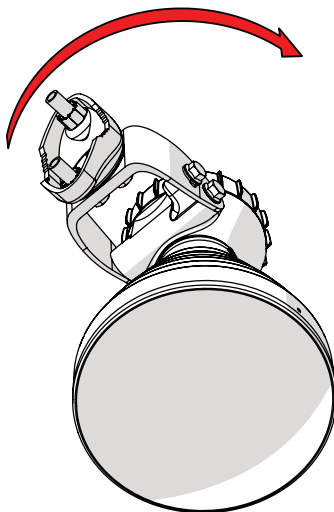
Model SH-TP-5-30 shown. Installation instructions are identical for other Symmetrical Horn models. Antenna dimensions may differ.

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Pre - Installation

Optional: Right side of the pole mounting.



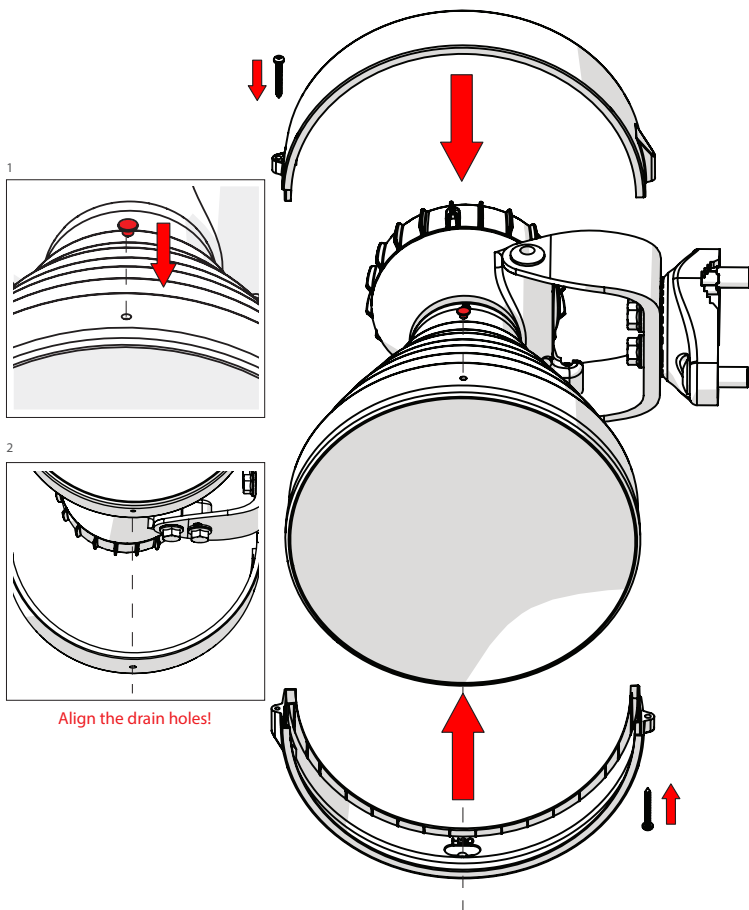
Model SH-TP-5-30 shown. Installation instructions are identical for other Symmetrical Horn models. Antenna dimensions may differ.

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Pre - Installation

Optional: Right side of the pole mounting.



Model SH-TP-5-30 shown. Installation instructions are identical for other Symmetrical Horn models. Antenna dimensions may differ.

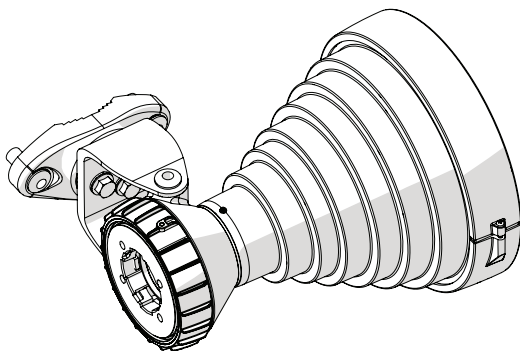
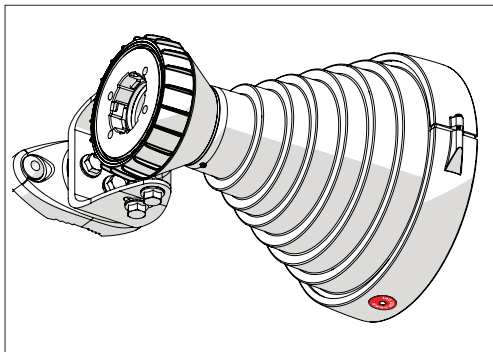
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Pre - Installation

Optional: Right side of the pole mounting, continue on page 5.

Ensure that the water drain points downwards!



Model SH-TP-5-30 shown. Installation instructions are identical for other Symmetrical Horn models. Antenna dimensions may differ.

Compatible Devices

RF elements®

any TwistPort™ Adaptor

any SIMPER™ Radio with TwistPort™ connector

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