



StarterDish™ UM

STD-21-UM, STD-24-UM, STD-27-UM



StarterDish™ UM

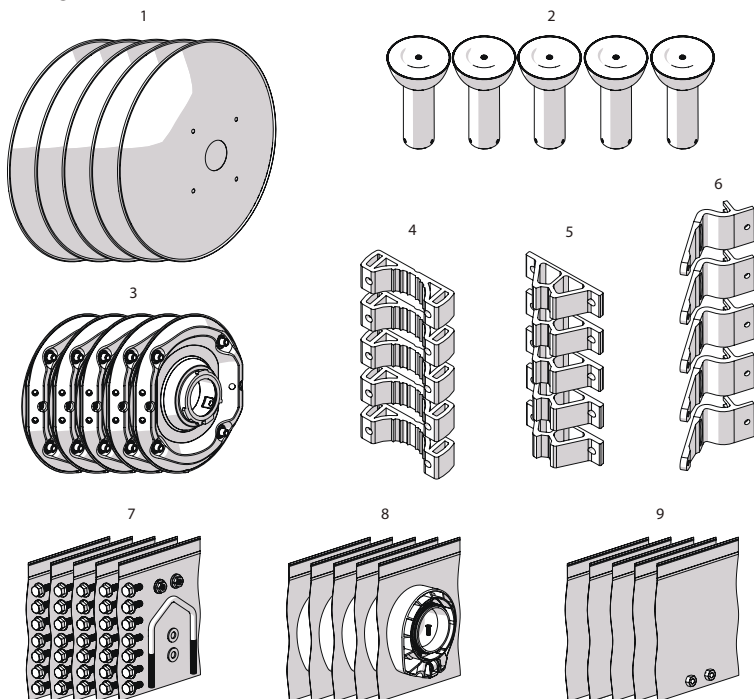
Overview

	Product ID	Dimensions	Weight	Gain (dBi)
StarterDish™ 21 UM	STD-21-UM	298x298x269 mm 11.7x11.7x10.5 inch	1.2 kg 2.7 lbs	21
StarterDish™ 24 UM	STD-24-UM	390x390x269 mm 15.3x15.3x10.5 inch	1.5 kg 3.3 lbs	24
StarterDish™ 27 UM	STD-27-UM	554x554x352 mm 21.8x21.8x13.8 inch	2.1 kg 4.6 lbs	27

Estimate based on the pre-production units. Subject to change.

StarterDish™ UM

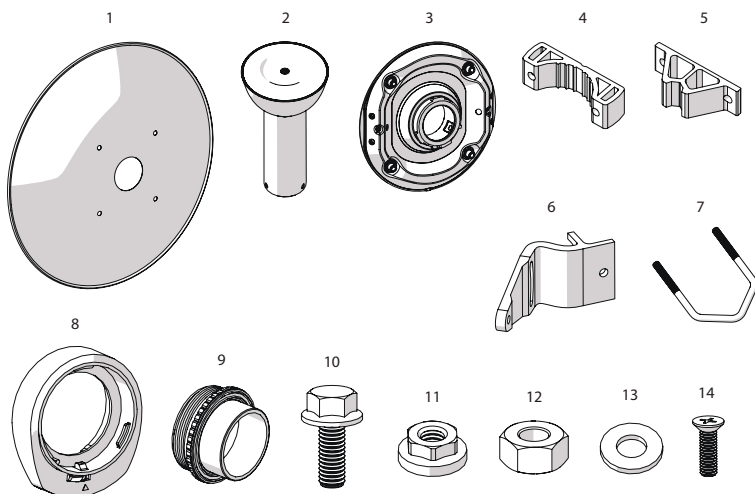
Package Contents:



Number	Description	Quantity
1	StarterDish	5x
2	Subreflector	5x
3	Antenna Base	5x
4	Large Pole Mount Bracket	5x
5	Small Pole Mount Bracket	5x
6	Bracket Arm	5x
7	Bag with Hardware	5x
8	Bag with C5x Adapter	5x
9	Bag with M6 Surface Treated Nuts	5x

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One Unit:



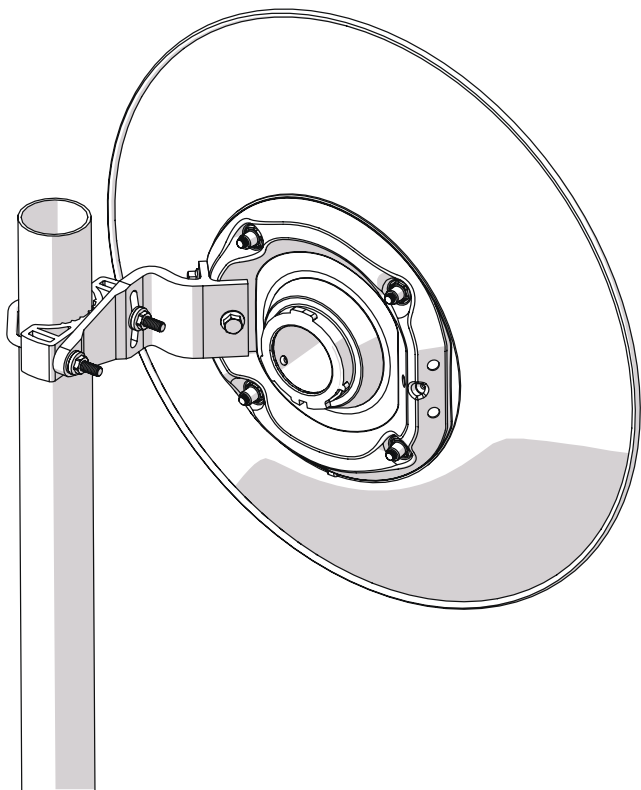
Number	Description	Quantity
1	StarterDish	1x
2	Subreflector	1x
3	Antenna Base	1x
4	Large Pole Mount Bracket	1x
5	Small Pole Mount Bracket	1x
6	Bracket Arm	1x
7	V-Bolt	1x
8	Cover for C5x	1x
9	Waveguide	1x
10	M6 x 16mm Screw	7x
11	M6 Nut without Surface Treatment	2x
12	M6 Nut with Surface Treatment	2x
13	M6 Washer	2x
14	M3 x 10mm Screw	1x

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Step 1

Installation Guide

Follow this instruction for installation on the right side of the pole. For installation on the left side of the pole, follow the instructions in Step 13.

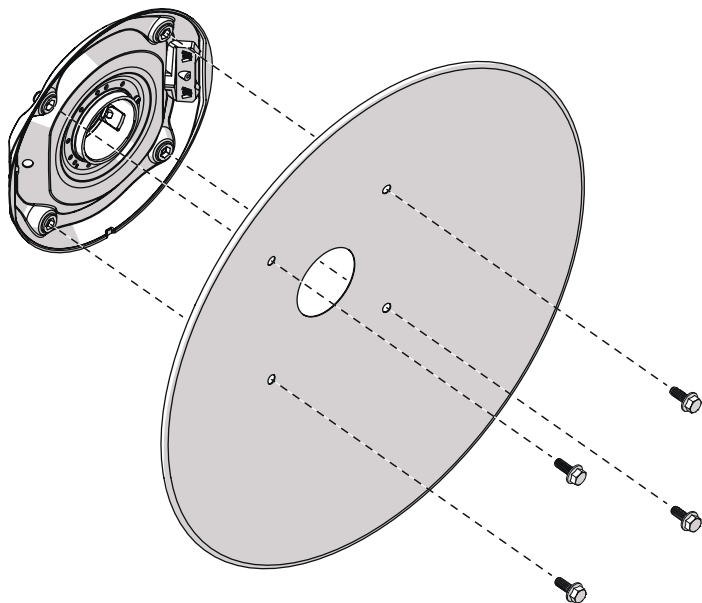


Model STD-24-UM shown. Installation instructions are identical for other StarterDish™ models. Antenna dimensions may differ.

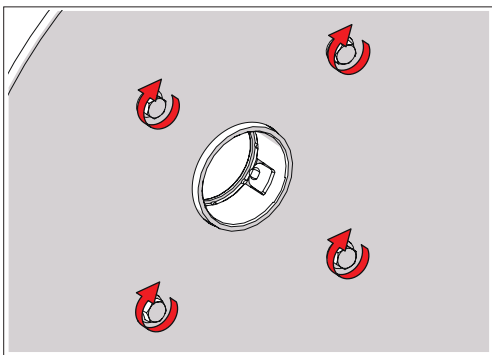
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Step 2

Installation Guide



Use 10 mm Ratchet Wrench when assembling the antenna.

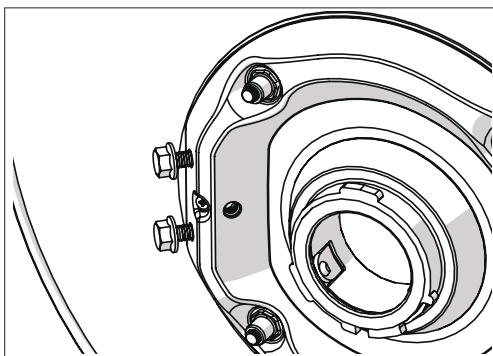
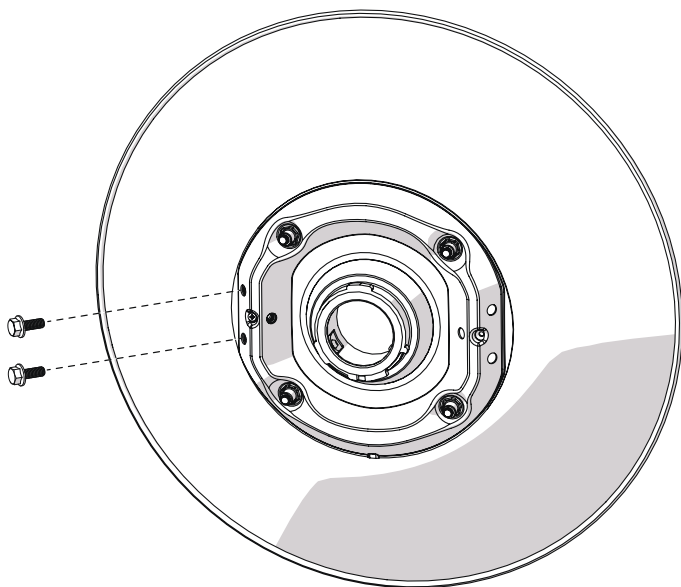


Model STD-24-UM shown. Installation instructions are identical for other StarterDish™ models. Antenna dimensions may differ.

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Step 3

Installation Guide

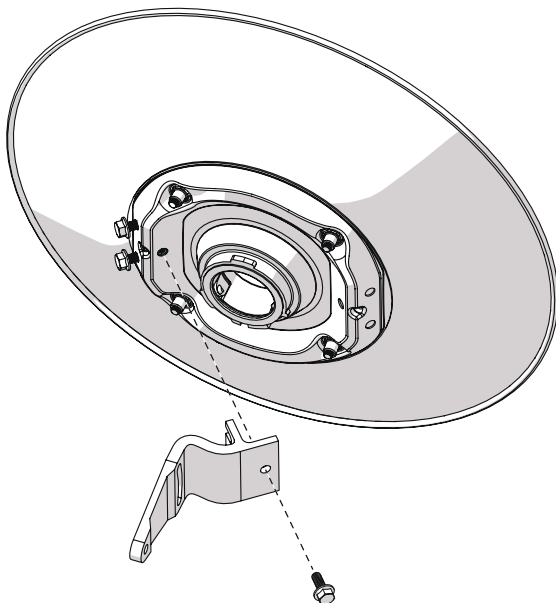


Model STD-24-UM shown. Installation instructions are identical for other StarterDish™ models. Antenna dimensions may differ.

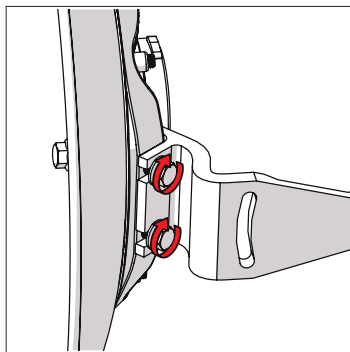
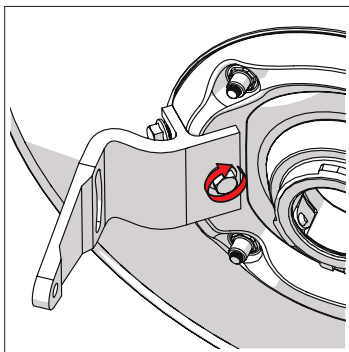
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Step 4

Installation Guide



Use 10 mm Ratchet Wrench when assembling the antenna.

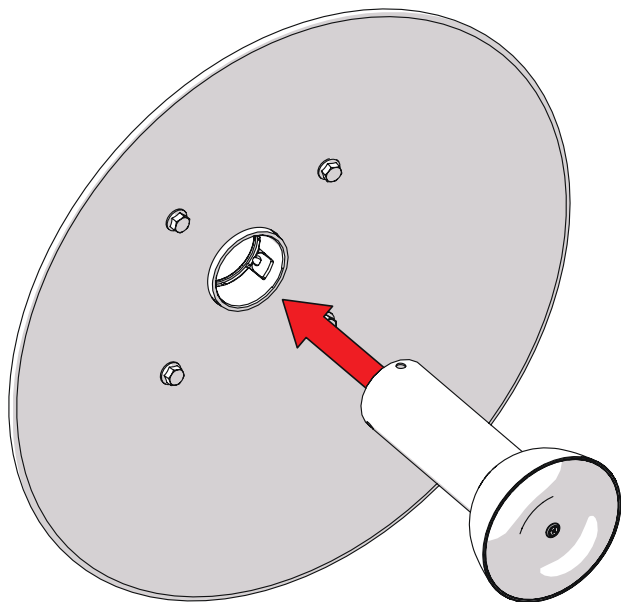


Model STD-24-UM shown. Installation instructions are identical for other StarterDish™ models. Antenna dimensions may differ.

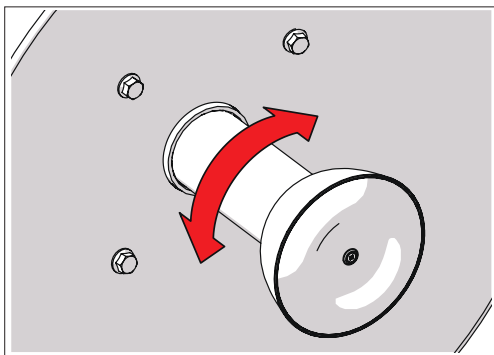
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Step 5

Installation Guide



Keep twisting the Subreflector in either direction until the spring latch is engaged.

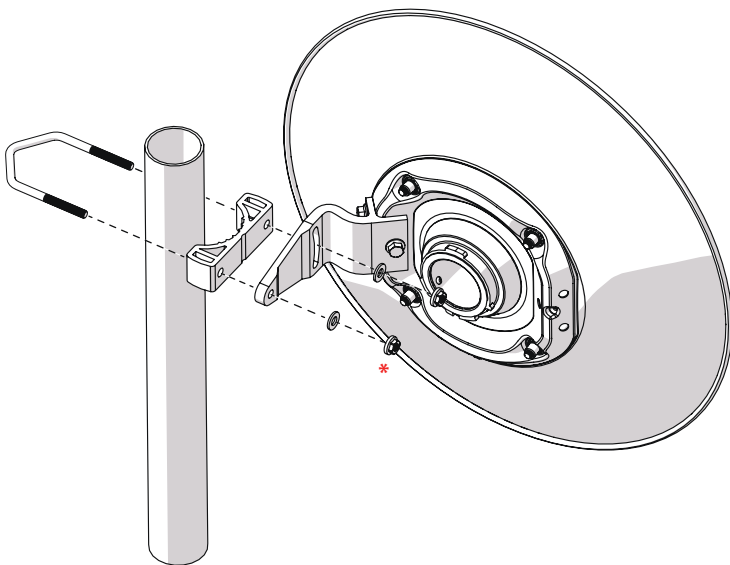


Model STD-24-UM shown. Installation instructions are identical for other StarterDish™ models. Antenna dimensions may differ.

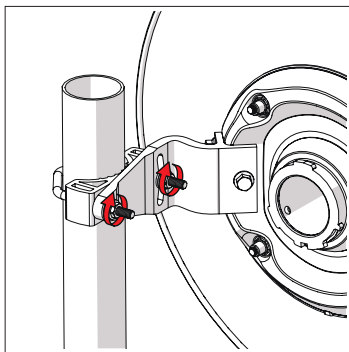
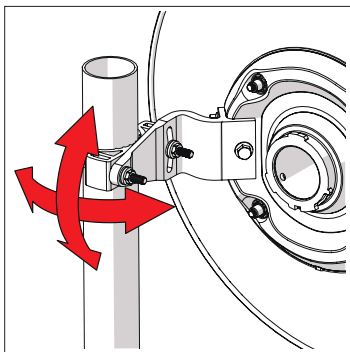
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Step 6

Installation Guide



* Optional: Surface treated M6 Nuts protect the bracket from galling.
If you use M6 nuts without surface treatment, use anti-seize thread lubricant.
Use 10 mm Ratchet Wrench when assembling the antenna.



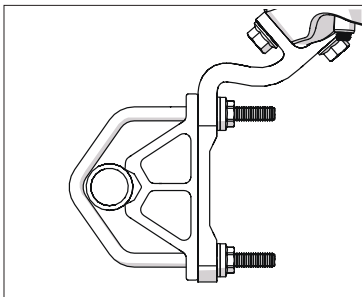
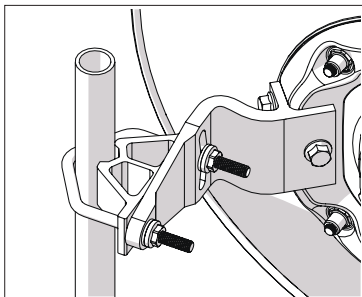
Model STD-24-UM shown. Installation instructions are identical for other StarterDish™ models.
Antenna dimensions may differ.

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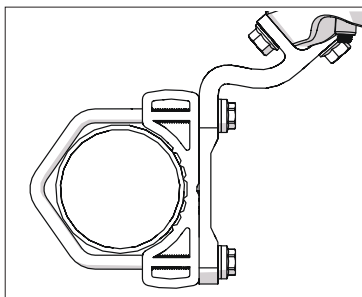
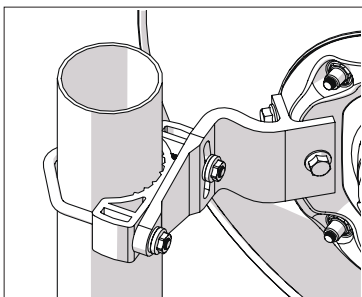
Step 7

Installation Guide

Correct orientation of the Small Pole Mount bracket is shown below,
for pole diameter span: 20 - 38 mm.



Correct orientation of the Large Pole Mount bracket is shown below,
for pole diameter span: 39 - 55 mm.

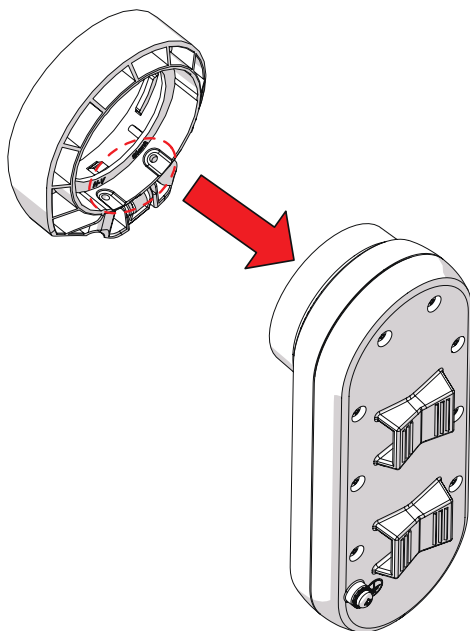


Model STD-24-UM shown. Installation instructions are identical for other StarterDish™ models.
Antenna dimensions may differ.

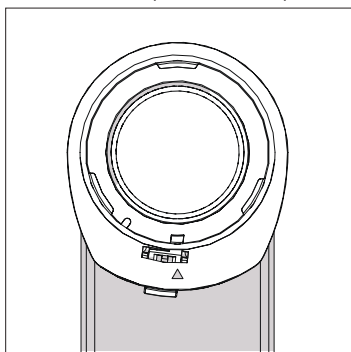
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Step 8

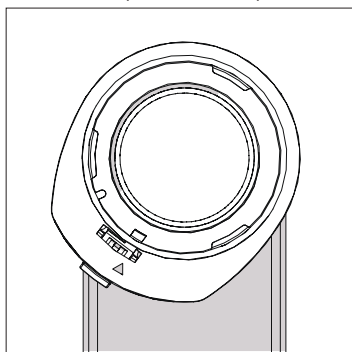
Installation Guide

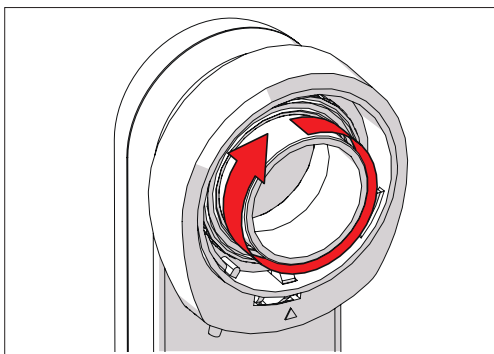
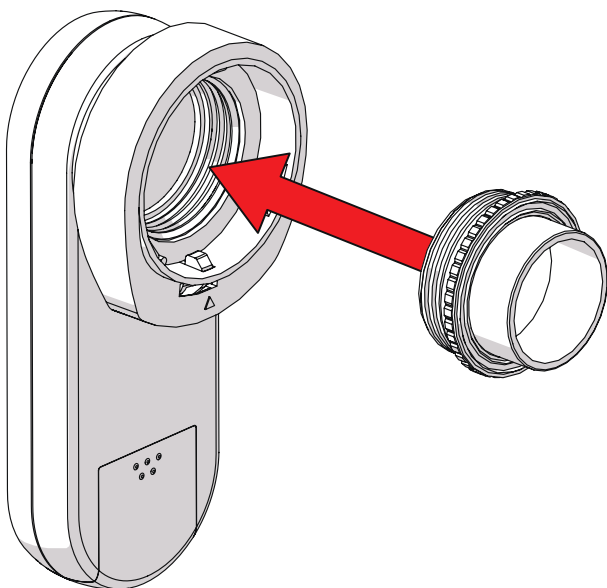


Dual Slant polarization setup

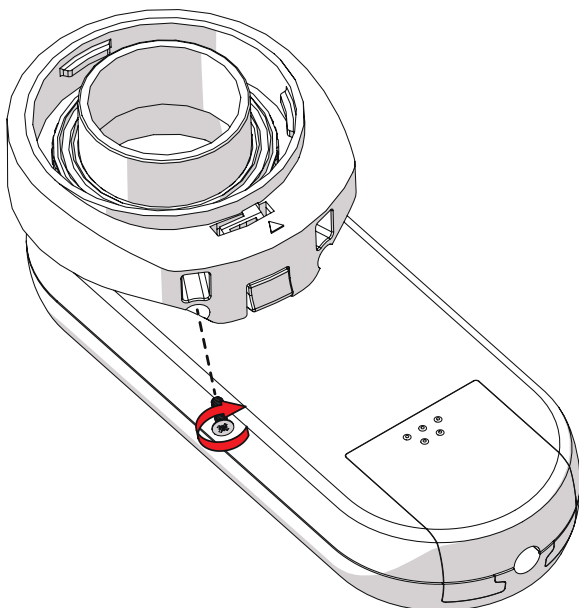


H-V polarization setup

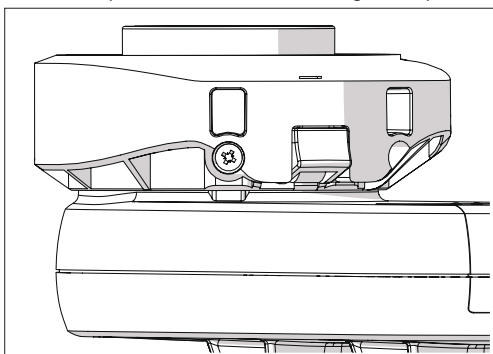




Installation Guide



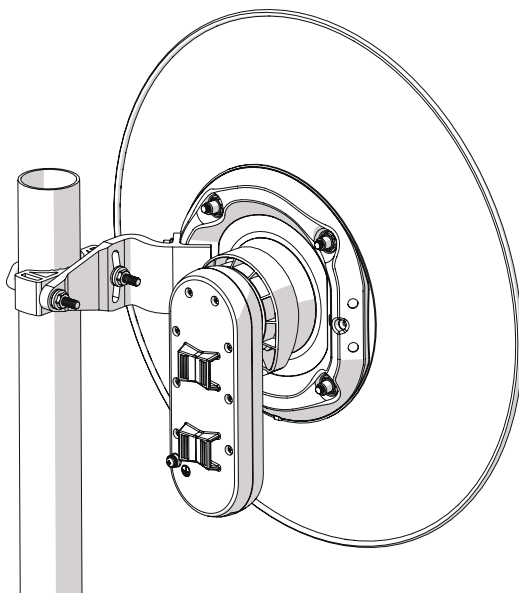
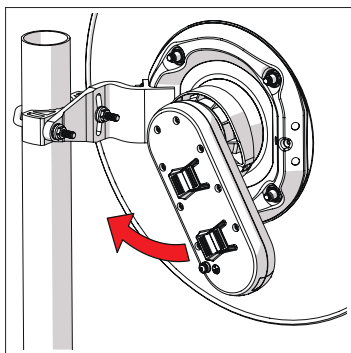
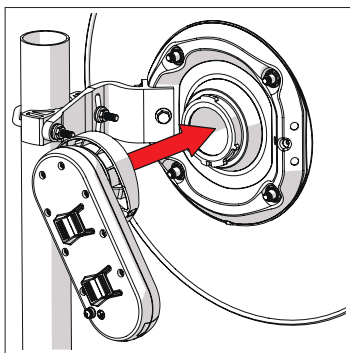
Use Phillips Screwdriver when assembling the adaptor.



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Step 11

Installation Guide

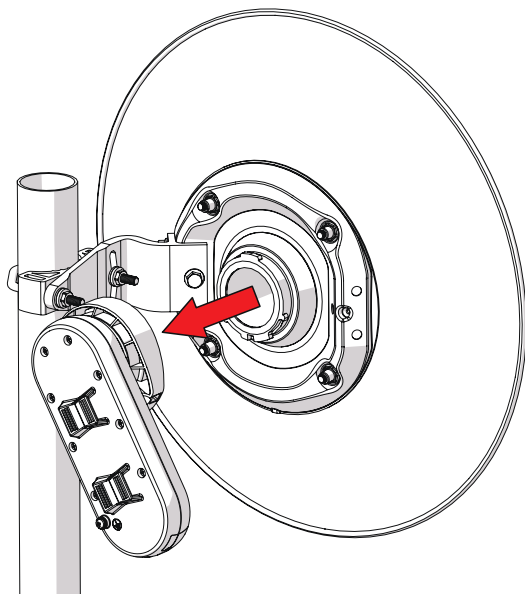
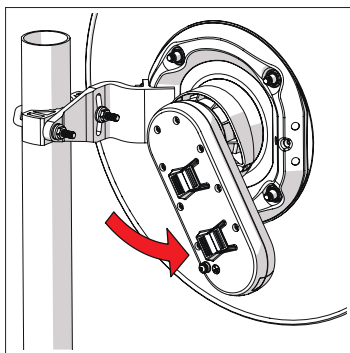
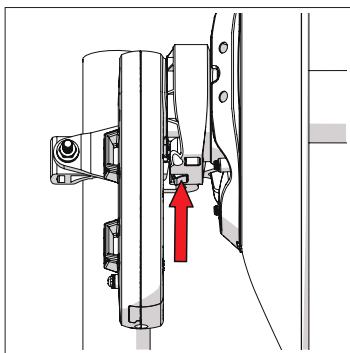


Model STD-24-UM shown. Installation instructions are identical for other StarterDish™ models. Antenna dimensions may differ.

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Step 12

Uninstallation Guide



Model STD-24-UM shown. Installation instructions are identical for other StarterDish™ models. Antenna dimensions may differ.

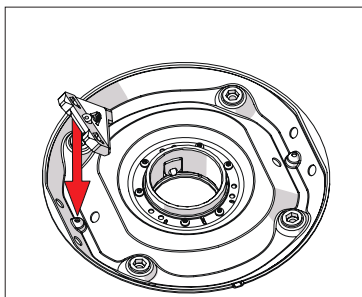
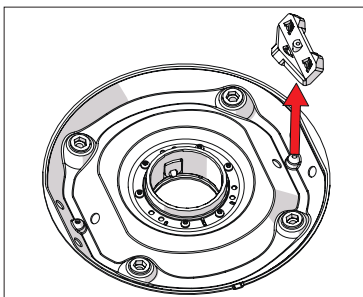
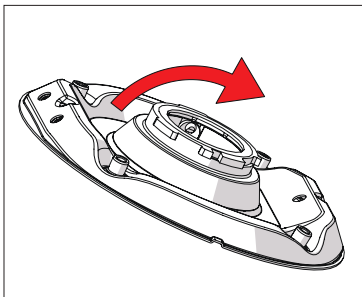
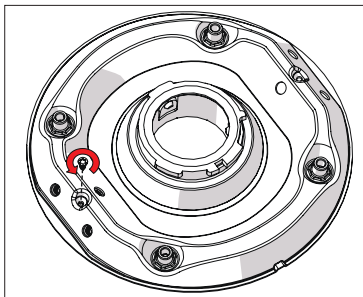
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Step 13

Pre-Installation Guide

Optional: Dish setup for installation on the left side of the pole.

Use T10 Screwdriver to release the screw.



Model STD-24-UM shown. Installation instructions are identical for other StarterDish™ models.
Antenna dimensions may differ.

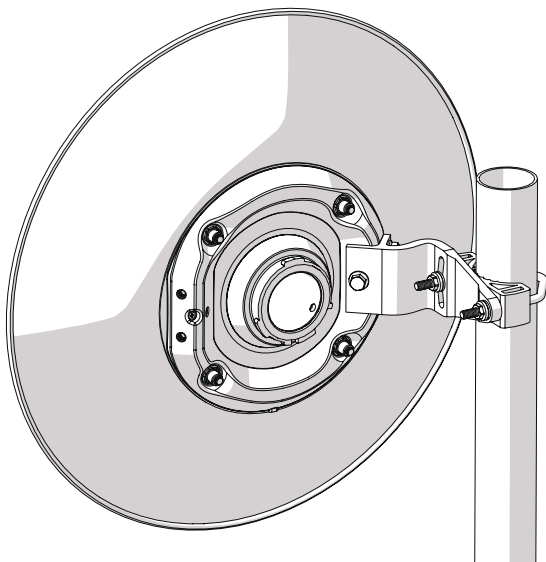
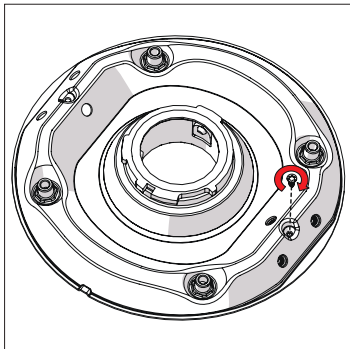
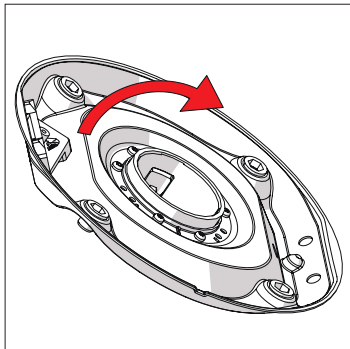
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Step 14

Pre-Installation Guide

Optional: Dish setup for installation on the left side of the pole.

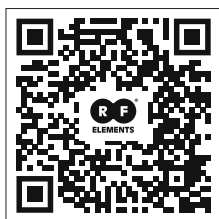
Use T10 Screwdriver to tighten the screw.



Model STD-24-UM shown. Installation instructions are identical for other StarterDish™ models.
Antenna dimensions may differ.

Compatible Devices

For a list of compatible devices visit www.rfelements.com



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