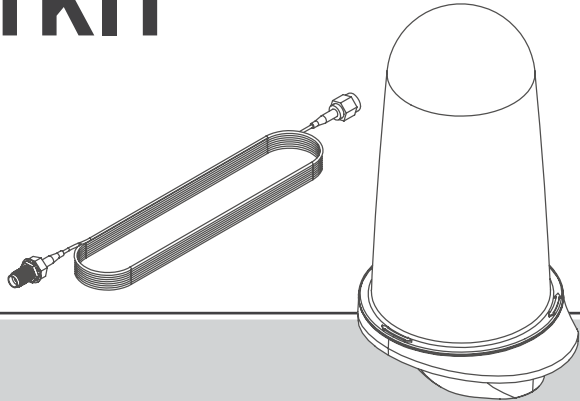


# ANTEXTKIT

## *INSTALL GUIDE*



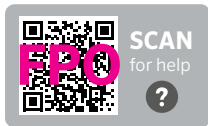
**Universal Antenna Extension Kit**  
for Wi-Fi, cellular, and LoRa radio  
communications

**Hunter®**

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**Need more helpful  
information on your  
product?**

[hunter.help/ANTEXTKIT](https://hunter.help/ANTEXTKIT)

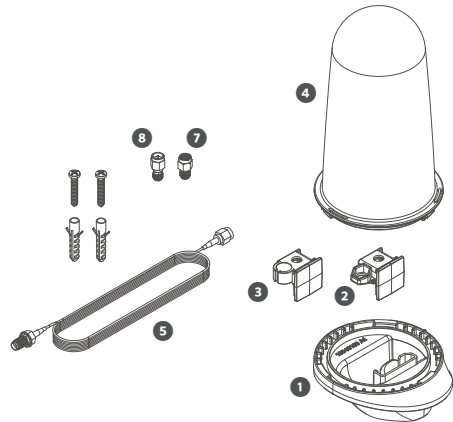
## Introduction

The Universal Antenna Extension Kit is beneficial for improving line-of-sight wireless communication for Wi-Fi, cellular, and LoRa radio communications. This kit is for use with a variety of Hunter antennas and wireless modules:

- Wi-Fi
  - ACC2 Controllers – A2C-WIFI communication module
  - HCC Controllers – removable antenna within facepack
- Cellular
  - ACC2 Controllers – A2C-LTEM communication module
- LoRa Radio
  - Wireless Valve Link (WVL) – WVOM and WVOM-E wireless output modules

## Components

Item	Description
1	Antenna Mount Base
2	Antenna Mount Adapter
3	A2C-WIFI Antenna Mount Adapter
4	Antenna Mount Cover
5	9' (3 m) Cable Extension
6	Wall Mounting Screws and Anchors
7	SMA Adapter A (RP-SMA Male x SMA Female)
8	SMA Adapter B (SMA Male x RP-SMA Female)



# Mounting

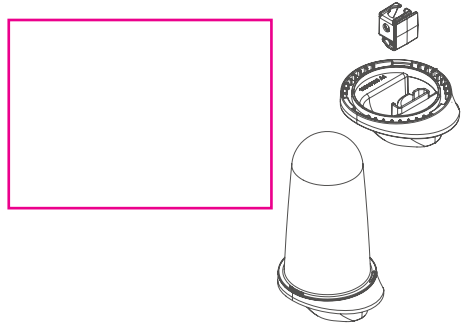
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The Antenna Extension Kit is designed to be installed on top of ¾" (20 mm) electrical conduit or PVC pipe, or it can be mounted to a wall using the included screws and wall anchors.

It is recommended to run the extension cable in electrical conduit or PVC pipe, to prevent any damage to the wire and/or connectors.

## A2C-WIFI Module

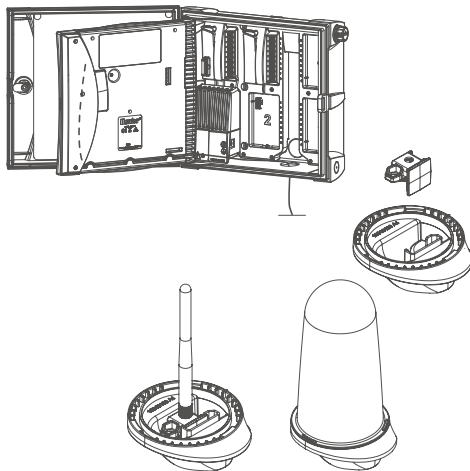
1. Remove existing antenna from the A2C-WIFI module
2. Connect male end of the extension cable to the A2C-WIFI module
3. Route the cable out of the cabinet to desired mounting location
4. Feed the other end of the cable up through the bottom of the antenna mounting base and thread on the original antenna
5. Position the A2C antenna mount adapter (item # 3) as shown, and secure the antenna in place using the adapter
6. Insert the antenna mount adapter within the mounting base
7. Attach the antenna mount cover to the base by twisting the two pieces together clockwise



# Antenna Installation Instructions

## HCC Wi-Fi Antenna

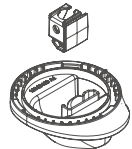
1. Remove plastic cover from the back side of the HCC facepack and remove the existing Wi-Fi antenna
2. Thread SMA Adapter A (item # 7) onto the male end of the extension cable
3. Connect the extension cable to the antenna connector within the facepack, and route the cable out of the cabinet to desired mounting location
4. Install SMA Adapter B (item #8) on the other end of the cable and feed the cable up through the bottom of the antenna mounting base
5. Position the antenna mount adapter as shown, and secure the cable in place using the lock nut on the connector
6. Reinstall the Wi-Fi antenna and insert the antenna mount adapter in place within the mounting base
7. Attach the antenna mount cover to the base by twisting the two pieces together clockwise



# Antenna Installation Instructions

## ACC2 Cellular (A2C-LTEM)

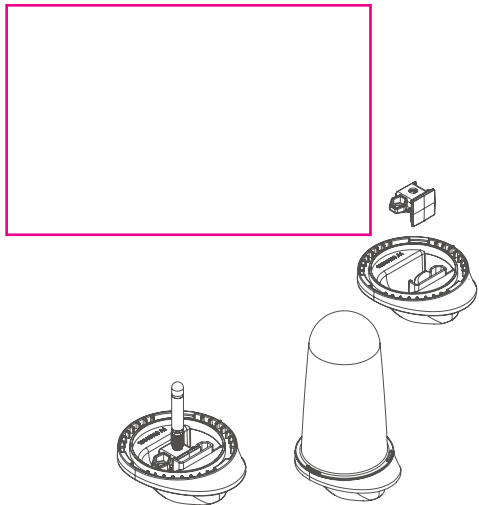
1. Remove existing antenna from the A2C-LTEM module
2. Connect male end of the extension cable to the A2C-LTEM module
3. Route the cable out of the cabinet to desired mounting location
4. Feed the other end of the cable up through the bottom of the antenna mounting base and thread on the original antenna
5. Position the antenna mount adapter (item # 2) as shown
6. Remove the plastic film from the underside of the antenna and secure the antenna in place within the mounting base with the adhesive sticking to the base
7. The antenna mount cover is not used in this configuration



# Antenna Installation Instructions

## WVL LoRa Radio (WVOM, WVOM-E)

1. Remove existing antenna from the WVOM module
2. Connect male end of the extension cable to the WVOM module
3. Route the cable out of the cabinet to desired mounting location
4. Feed the other end of the cable up through the bottom of the antenna mounting base
5. Position the antenna mount adapter (item # 2) as shown, and secure the cable in place using the lock nut on the connector
6. Reinstall the WVOM antenna and insert the antenna mount adapter in place within the mounting base
7. Attach the antenna mount cover to the base by twisting the two pieces together clockwise





<b>Problem</b>	<b>Cause</b>	<b>Solution</b>
Rain or Freeze shutoff not activating	<ul style="list-style-type: none"><li>• Rain Sensor Bypass Switch on the Controller is set to "Bypass"</li><li>• Remove jumper plate that is bridging the two SEN terminals on the controller</li></ul>	Set the Controller Bypass Switch in the "Active" position. Remove the jumper plate.
Run times for a particular station are too short/too long	<ul style="list-style-type: none"><li>• Program Run Time too long/too short</li></ul>	Solar Sync provides a global Seasonal Adjustment to the controller. If a particular station has run times too long or too short, make the appropriate adjustment to the program in the controller.

## Notices

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### **FCC Notice**

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will

not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by taking one or more of the

# Notices

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## **Innovation, Science and Economic Development Canada (ISED) Compliance Notice**

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.



Hereby, Hunter Industries declares that the radio equipment type model WSS-SEN (comprised of WSSTR and WSSR) is in compliance with Directive 2014/53/EU.



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Helping our customers succeed is what drives us. While our passion for innovation and engineering is built into everything we do, it is our commitment to exceptional support that we hope will keep you in the Hunter family of customers for years to come.



**Denise Mullikin, President,  
Landscape Irrigation and Outdoor Lighting**

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