



Installation Instruction for CMAX-OMUW-225-I53-O



CMAX-OMUW-225-I53-O

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Andrew Wireless Systems GmbH, 22-April-2026

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LIST OF CHANGES

Version	Changes	Release Date
M0153ALA	- first issue	22-April-2026

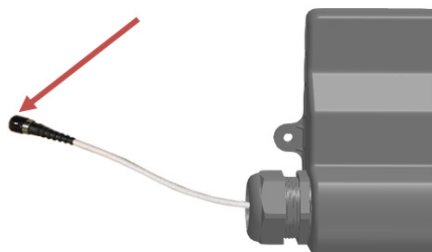
1. Installation

1.1. Installation Preparations

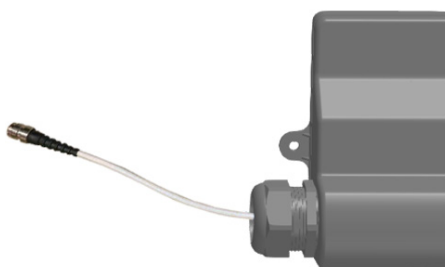
- Please read the complete description before starting the installation.
- Observe that the bending radius of the cables must not be less than 40 mm.
- Make sure that connectors are properly sealed against water if no cables are connected to them after the installation.
- In case only one side of the antenna is connected to a conduit, close the unused side with the conduit-fitting close-off cap which is part of the delivery.

1.2. Assembly

1.2.1. Connecting external jumpers to pigtails



Pigtail cables are fitted with connector caps.



Remove the connector caps.

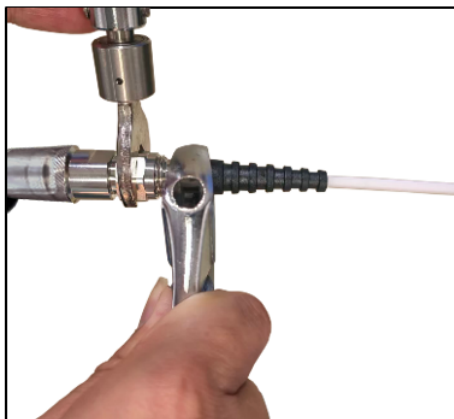


Connect the 2.2-5.0 female connector of the antenna to the 2.2-5.0 male connector of the user.



1. Installation

Connect male to female connectors and hand-tighten.



Using a calibrated torque wrench on the male jumper 2.2-5.0 connector, torque the connects to 26.55 lbf·in (3 Nm or 2.21 lbf·ft).

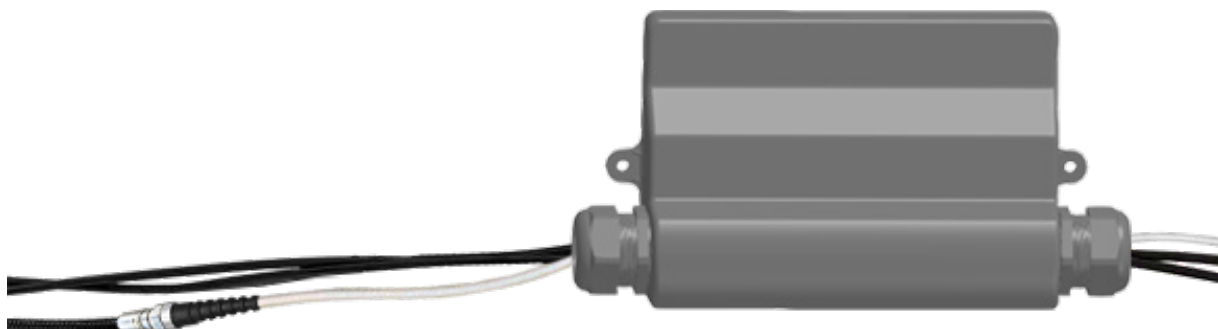


Check if the connection is securely locked.

1.2.2. Cable pass-through

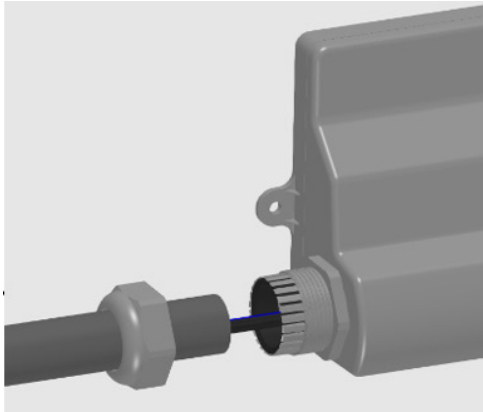


Install any pass-through cables one at a time, to avoid potential damage to the RF pigtail cables. When the coax emerges, pull gently by hand until it is completely through.

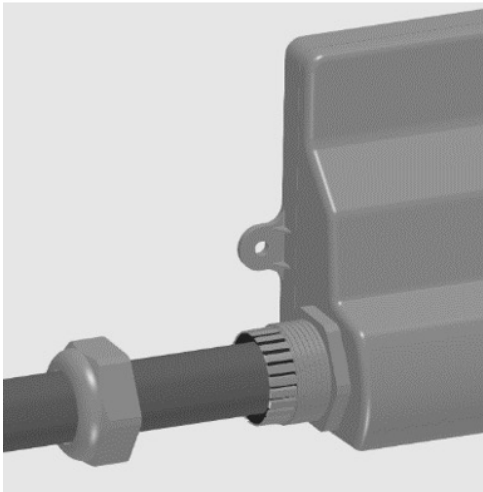


1.2.3. Liquid conduit fitting

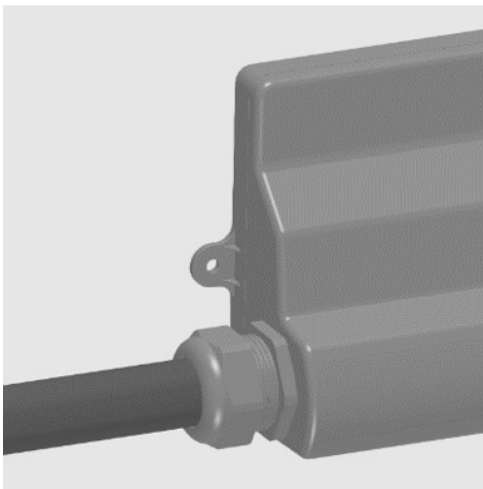
Note: The operations on both sides of the antenna are the same.



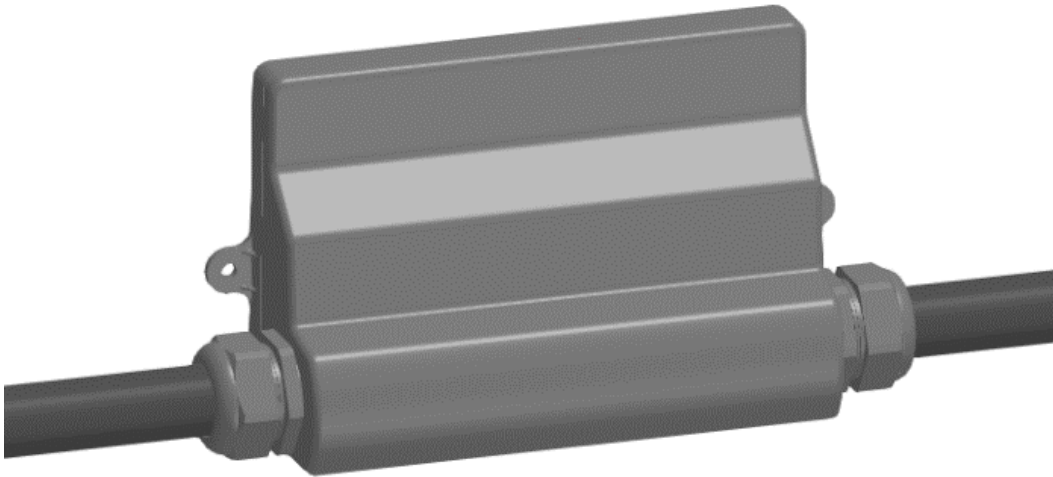
Remove conduit nut and slide conduit onto the antenna conduit fitting.



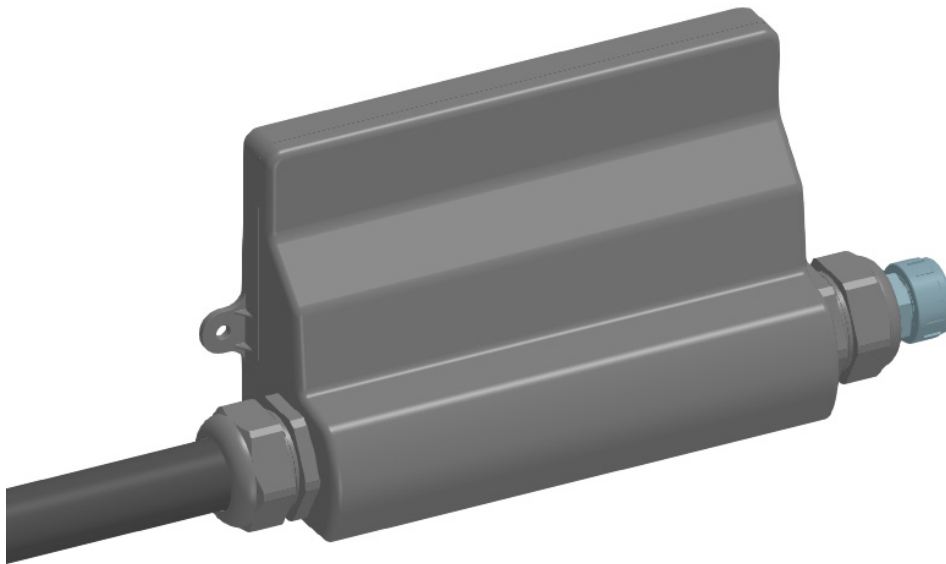
Slide the conduit nut back on.



Refit the conduit nut and tighten.

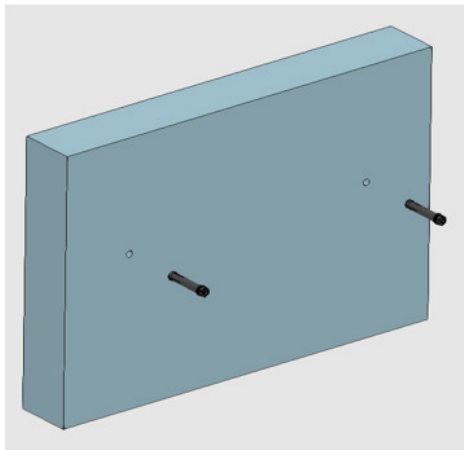


Example of fully fitted antenna in pass-through application.

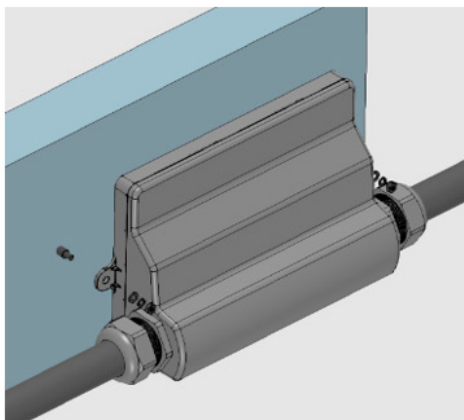


Example of fully fitted antenna used in left-hand application, with the conduit-fitting close-off cap on the unused side of the antenna.

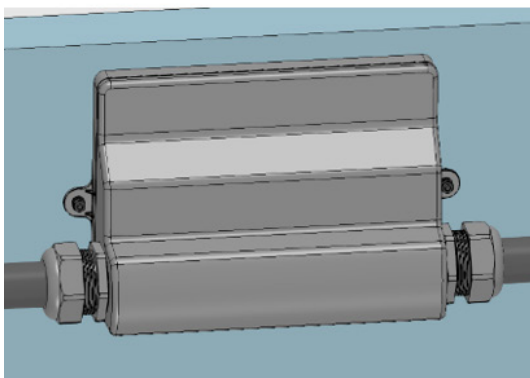
1.2.4. Install antenna onto the concrete wall



Drill two holes in the concrete wall for the expansion screws.
Select M6-M8 expansion screws as per your preference and determine the hole diameter; the distance between the two holes is 325 mm.



Fix the antenna, which has already been equipped with cables and protective pipes, to the concrete wall using nuts.



Just tighten the locknut.

2. Contacting ANDREW

The following sections tell you how to contact ANDREW® for additional information or for assistance.

2.1. Technical Support

This section tells you how to contact the ANDREW Technical Support team. Support is available 7 days a week, 24 hours a day.

Telephone Helplines

Use the following Helpline telephone numbers to get live support, 24 hours a day.

24X7 +1 888-297-6433 (Toll free for U.S. and Canada)

EMEA 8:00-17:00 (UTC +1) + 800 73732837 (Toll free for parts of EMEA and Australia)
+ 49 909969333 (Toll charge incurred)

Calls to an EMEA Helpline outside of the 8:00 to 17:00 time frame will be forwarded to the 24x7 Helpline.

Online Support

Click the link below or scan the QR code to the right to submit tickets using the online [Technical Support Form](#).



2.2. Waste Electrical and Electronic Equipment Recycling

In alignment with our commitment to the Waste Electrical and Electronic Equipment (WEEE) Directive, we design and manufacture our products with sustainability as a priority. We are dedicated to supporting responsible end-of-life disposal and recycling practices, which help reduce environmental impact and promote a circular economy.

To learn more, scan the QR code to the right or click the link below:

<https://www.andrew.com/sustainability/environment/weee/>



2.3. Technical Training

1. To access training on the online technical training site, please click <https://www.andrew.com/support/training/> or scan the QR code to the right:
2. From here you can see course catalogs, training calendars, and visit the training portal that lets you register for online and instructor-led courses and take online courses.
3. Instructor-led courses are conducted in North America and Europe. Before choosing a course, please verify the region.
4. For training related questions, please contact us:
icn_training@andrew.com



2.4. Accessing User Documentation

1. Access to the Customer Portal requires a user account. If you don't have an account:
 - Visit My ANDREW at <https://www.andrew.com/membership> or by scanning the QR code to the right.
 - Click “New user registration” and follow the prompts.
 - After you have registered in My ANDREW, click the **Request access** button for the **Customer Portals**.
 - After having done the request, it might take several days to get approved. Then, you can select the **Indoor Wireless Resource Center for ANDREW** from the list of applications.
2. To go directly to the portal, where you can access the DAS-user documentation, scan the QR Code to the right.
Alternatively, visit My ANDREW (see above) and use the **Indoor Wireless Resource Center for ANDREW** application.
3. In Tools and Documentation, search by product, document category, or title.
4. Click on the title of any document to open it.

