



Installation Instruction for CMAX-O-43-UW-I53



CMAX-O-43-UW-I53

Document Number: **M0149AE**

Document Revision: **02**

Date: **April 2026**

Copyright © 2026 ANDREW[®], an Amphenol company. All Rights Reserved.

This document has been developed by ANDREW, an Amphenol company, and is intended for the use of its customers and customer support personnel. The specifications and information regarding the products in this manual are subject to change without notice. All statements, information, and recommendations in this manual are believed to be accurate but are presented without warranty of any kind, express or implied. Users must take full responsibility for their application of any products.

The software license and limited warranty for the accompanying product are set forth in the information packet that shipped with the product and are incorporated herein by reference. If you are unable to locate the software license or limited warranty, contact your ANDREW sales representative for a copy.

Andrew Wireless Systems GmbH, 22-April-2026

TABLE OF CONTENTS

1. INSTALLATION	4
1.1. INSTALLATION PREPARATIONS	4
1.2. INSTALLATION WITHOUT THE CEILING MOUNT KIT	4
1.3. INSTALLATION WITH THE CEILING MOUNT KIT	5
2. CONTACTING ANDREW	7
2.1. TECHNICAL SUPPORT	7
2.2. WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT RECYCLING	7
2.3. TECHNICAL TRAINING	8
2.4. ACCESSING USER DOCUMENTATION	8

LIST OF CHANGES

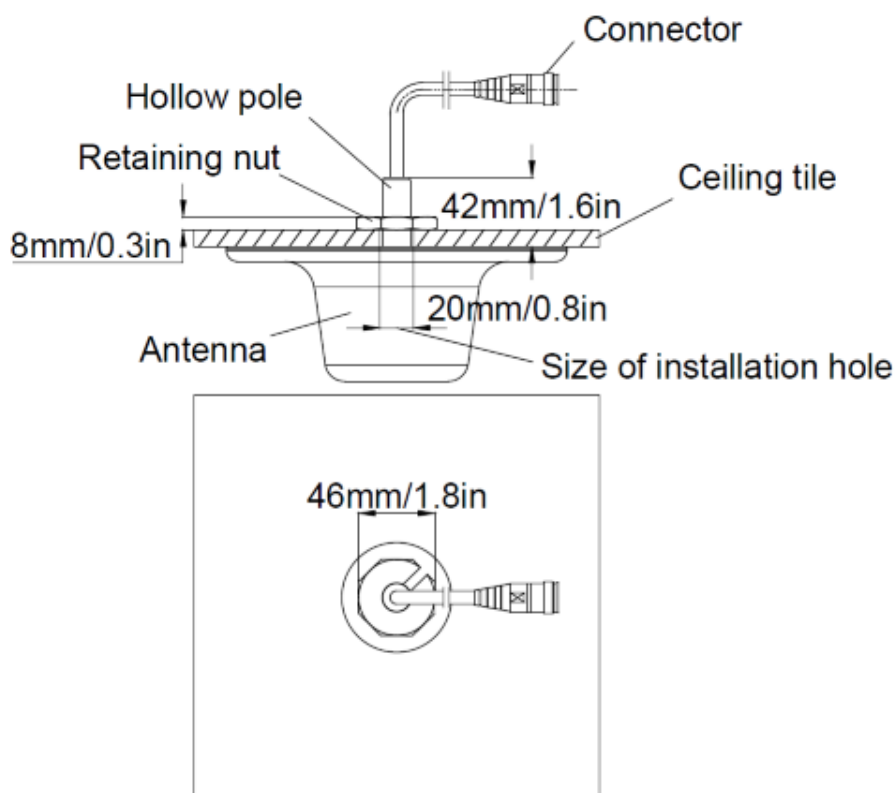
Version	Changes	Release Date
M0149AEB		04-May-2020
M0149AEC	- Rebranding and contact data updated - Scope adjusted	22-April-2026

1. Installation

1.1. Installation Preparations

- Please read the complete description before starting the installation.
- Observe that the bending radius of the cable 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.
- For optimal operation, this antenna should **NOT** be mounted **to a metallic ceiling/surface**. If there is no other option, contact our Technical Support (see chapter 2.1).

1.2. Installation without the Ceiling Mount Kit



Installation Steps

- 1) Cut a hole in the ceiling tile with the diameter shown above.
- 2) Remove the retaining nut from the back of the antenna
- 3) Feed the pigtail of the antenna through the hole in the ceiling tile.
- 4) Re-install the retaining nut so that it is snug against the ceiling tile.

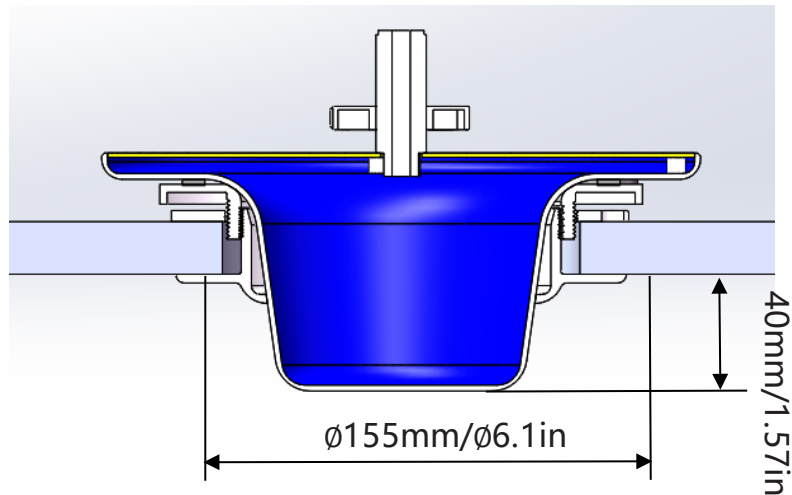
Notes:

- 1) Bending radius of the cable must not be less than 40 mm.
- 2) For massive/hard ceilings, please use Hard Ceiling Mounting Kit 7705125 which serves to guide the jumper to the side. For this kit, a separate instruction (M0149AWx) is available:

1.3. Installation with the Ceiling Mount Kit

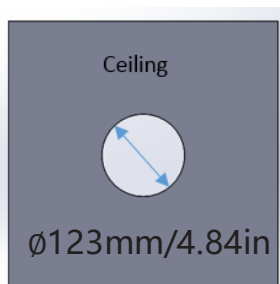
If the antenna is installed using the Ceiling Mount kit, part number 7760591, proceed as follows:

Through Omni antenna mounting kit conceals the antenna with only the nose protruding through the ceiling. The base plate is hidden above the false ceiling which results in a 50% reduction of the visible antenna footprint.

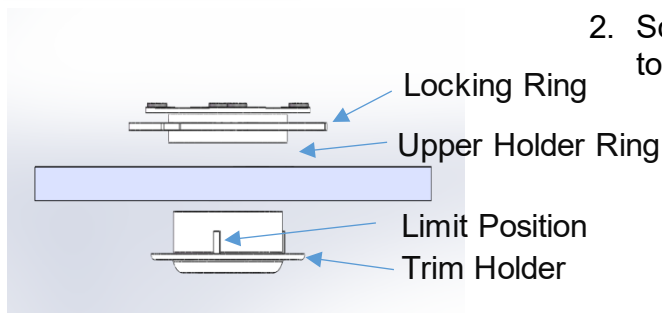


Ceiling thickness	12-24mm/0.47-0.94in
Environmental conditions	Indoor
Weight	152g
ROHS	Compliant

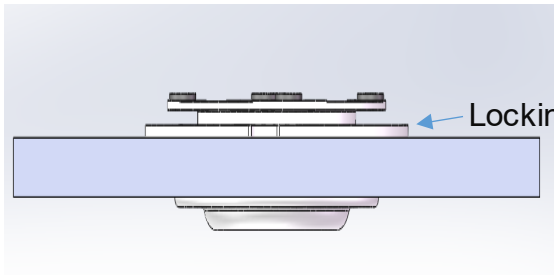
Installation Steps:



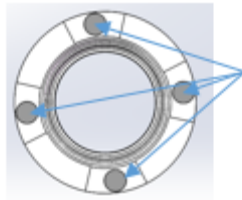
1. Cut a hole with a diameter of $\varnothing 123\text{mm}/4.84\text{in}$ into the ceiling where the antenna is supposed to be installed.



2. Screw trim holder and upper holder together through the hole in the ceiling.

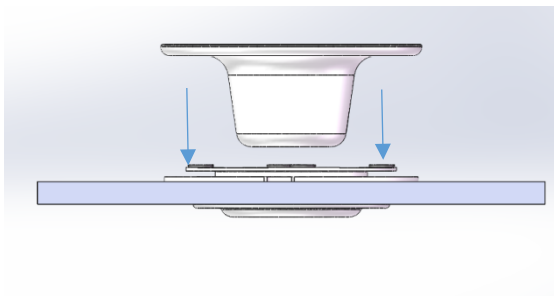


3. Adjust the locking ring to fasten the antenna mount to the ceiling.



Mounting Tape

4. Remove the four films on the surface of the mounting tape.



5. Attach the radome to the upper holder as outlined to the left.

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.

