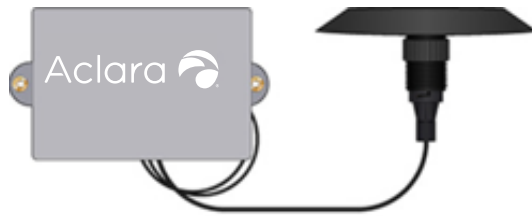


Aclara RF Network

Through-the-Lid Antenna



Aclara's through-the-lid antenna lets you install Aclara Meter Transmission Units (MTUs) while retaining metal pit lids. Our flexible install options mean our MTUs will work whether you reuse current metal lids or replace them with RF-permeable ones.

OVERVIEW

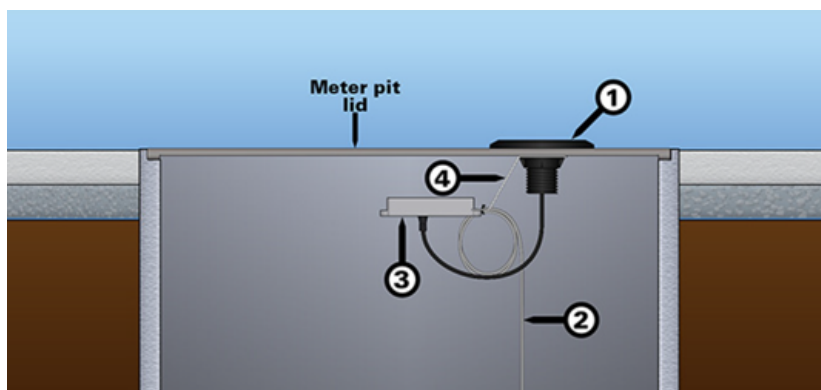
Aclara's through-the-lid antenna adds a remote antenna capability to your MTU install options. With a high-performing, 450-470 MHz antenna mounted on top of a metal lid (meter pit, vault, etc.) and a signal cable passing through the lid to the MTU mounted below, RF propagation is no longer a concern when a metal lid cannot be replaced. A variety of mounting brackets gives you flexibility as to where to mount the MTU below the lid. Multiple bracket styles mount on the antenna stem and are held in place by the antenna nut to let the MTU be mounted to the lid as a single package.

FEATURES AND BENEFITS

- Gives ultimate flexibility in MTU deployment
- Installs easily through an industry-standard 1 3/4" hole in the lid
- Integrates seamlessly to the RF network
- Provides the highest read rates in the industry
- Allows reuse of current metal lids
- Complies with Americans with Disabilities Act requirements



THROUGH THE LID ANTENNA CONFIGURATION



REFERENCES:

1. Antenna
2. MTU to meter coupler or register cable
3. MTU
4. MTU mounting bracket (optional)



Aclara RF Network Through-the-Lid Antenna

SPECIFICATIONS

- MTU compatibility Single or dual port, standard and extended range MTU with remote antenna connector
- Hazard rating ADA compliant
- Ingress protection rating IP67
- Lid thickness ¼" to 2"
- Lid-hole diameter 1¾ inches
- Antenna diameter 5.82"
- Antenna height 0.48"

Specifications are subject to change without notice.