

# MUELLER

## THROUGH THE LID HANGER (TTL-H)

### FEATURES

**Applications:** For use in any pit or vault installation where a standard 1- $\frac{3}{4}$ " or 1- $\frac{7}{8}$ " hole exists. The Mueller TTL-H hanger provides a standardized method of installation and provides optimization of radio transmission out of the pits or vaults equipped with plastic or concrete lids. The TTL-H provides a simple method of mounting current Mueller Mi.NET radio modules in an easily accessed installation location under the pit lid without additional hardware or tools.

**Compliance:** The TTL-H is compliant with the American Disabilities Act Section 4.5 and AASHTO H-20 Heavy Duty.

**Construction:** The TTL-H consists of three basic parts: TTL-H body, threaded nut, and a rubber washer. The two main components are of a polymer design for optimum weight to strength ratio and minimal environmental impact.

**Installation:** The TTL-H threads into the top case of the Mi.NET Radio Module. Simply remove the Mi.NET module antenna cover by turning it counter clockwise and insert the TTL-H screwing it clockwise into the Mi.NET module after insertion through the lid. This permits the Radio Module to hang from the pit lid, optimizing the accessibility and performance of the device.

**Maintenance:** The Mueller Systems TTL-H is designed and manufactured to provide long service life with no maintenance required. In the event the exposed portion of the TTL-H is damaged, the entire assembly can be replaced quickly and easily in the field with no additional tools required.



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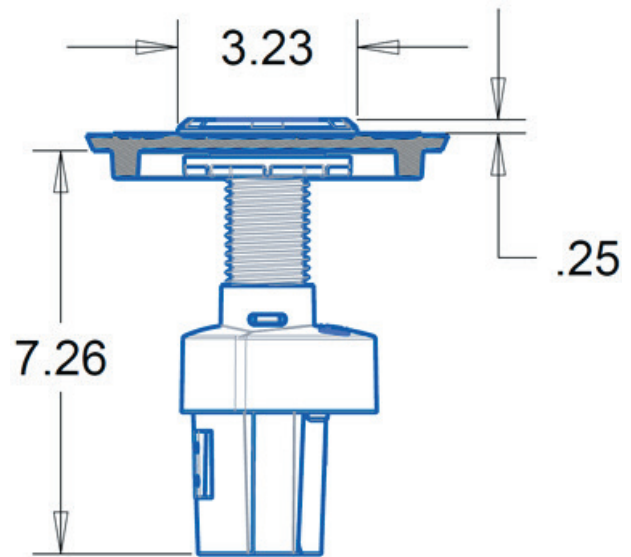
## Materials and Specifications:

- MODEL NUMBER ..... MS-TTL-H
- COMPATIBILITY ..... Pit lids up to 2" thick

All Mi.NET Radio Versions with Threaded Top Housing

(The TTL-H is not compatible with Mi.Net modules manufactured prior to June 15th, 2019)

- STANDARDS ..... Manufactured and tested to meet or exceed AASHTO H-20 Heavy Duty (25,000 lbs.) and ADA Section 4.5
- CONNECTION ..... Threaded connection to Mi.NET Radios via a 1-1/2-6 UNC Thread
- MATERIALS ..... TTL-H Body - Thermoplastic; Threaded Nut - Thermoplastic; Rubber Washer - Buna-N
- TEMPERATURE RANGE ..... Operating Temperature: -40°F to + 158°F (-40°C to + 70°C); Humidity: 0% - 100% condensing



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