

## W Band Omnidirectional Antenna Mounting Fixture

### Description:

**Model SAX-MEW0750-C1** is a 3" diameter mounting fixture designed specifically for mounting the W Band omnidirectional antenna with UG-387/U-M flange. It is compatible with **SAO-7531140230-10-S1**, and **SAO-9031040060-10-S1**. It features UG-387/U-M circular flange on top and bottom to allow connection with omnidirectional antenna and compatible accessories such as waveguide to coax adapters, waveguide straight, bend and twists etc. The fixture is designed with a removable magnetic base and a standard ¼-20 threaded hole for either a bolt-free mount on a metal surface or on convenient tripod mounting. In addition to magnetic base and tripod mounting, the fixture also features eight 4-40 threaded holes for mounting if the magnetic base is removed. The fixture is designed and fabricated with durable and microwave friendly plastic material to offer minimum reflection.



### Features:

- Low Microwave Interference
- Magnet for Iron Surface Mount
- ¼-20 Threaded Hole for Tripod Mount
- 4-40 Threaded Mounting (Magnet Base Removed)

### Applications:

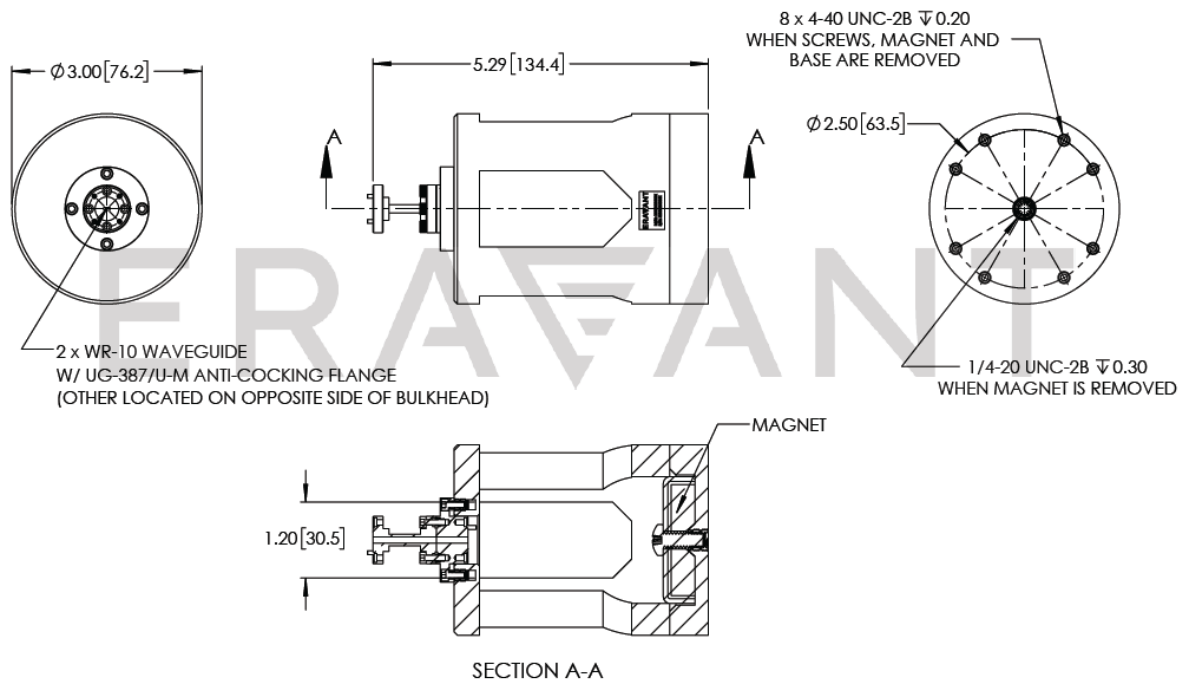
- Antenna Range
- Test Lab

### Mechanical Specifications:

Item	Specification
Fixture Material	Plastic
Magnet Material	Nickel-Plated Neodymium
Magnet Case Material	Zinc-Plated Steel
Outline	AX-MEW0750-C

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**Mechanical Outline:** (Unless otherwise specified, all dimensions are in inches [millimeters])



### Note:

- Eravant reserves the right to change the information presented without notice.

### Caution:

- Due to the strong magnet base present on the mounting fixture, please keep this product at least 3 feet away from any microwave products containing ferrite devices.

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### Mounting Options:

#### A. Magnetic Base

Assemble the mount body, magnet and bottom base together as shown in the picture using the provided screws.

#### B. 4-40 Threaded Holes

Remove the bottom base and magnet to use the mount body's 8 x 4-40 UNC-2B holes for general mounting.

#### C. Tripod Mounting

Assembly the mount body and bottom base without the magnet using the provided screws to use the center 1/4-20 UNC-2B hole for tripod mounting.

