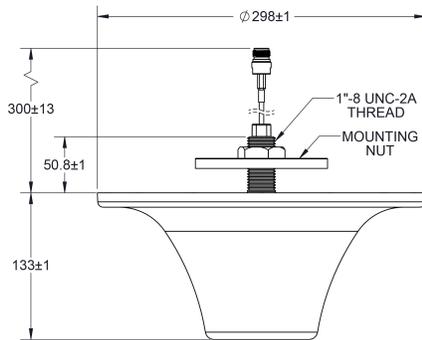


**SPECIFICATIONS**

| PARAMETER                  | PERFORMANCE   |
|----------------------------|---|
| Laird Model Number         | CMS38606-30NF   |
| Frequency                  | 380-520MHz<br>600-690MHz<br>1395-1435MHz<br>1690-6000MHz                                      |
| VSWR 380-520MHz            | 3.0:1 Max   |
| VSWR 698-960, 1710-6000MHz | 2.0:1 Max   |
| Typical Max Gain           | 2.6dBi @ 380-520MHz<br>3.1dBi @ 600-960MHz<br>5.8dBi @ 1395-1435MHz<br>7.3 dBi @ 1690-6000MHz |
| Polarization               | Vertical  |
| Impedance                  | 50Ω   |
| Power                      | 50W @ ambient temp 25° C (77°F)   |
| RF Connector               | Type N(f)   |
| Radome Color               | White   |
| Operating Temperature      | -30°C +70°C   |
| Storage Temperature        | -40°C +85°C   |
| Water/Foreign Body Ingress | IP-67   |
| Antenna Weight             | 0.8kg (1.76 lbs)  |



Patent Pending

Please read all instructions carefully before attempting to install and use this product.

**SAFETY**

The CMS38606 and all associated equipment should be installed in accordance with all applicable local and national electrical code guidelines to ensure safe operation.

**LOCATION**

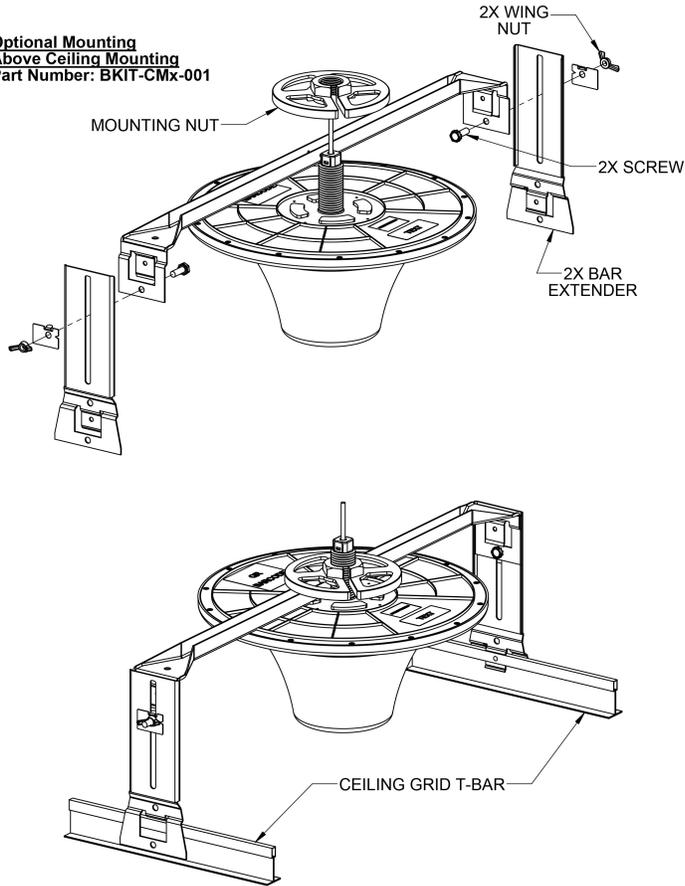
For the best results, mount the antenna near the center of the coverage area. A line-of-sight path between the antenna and active floor locations generally works best. Although microwave signals penetrate cubical dividers and interior walls with little attenuation, reinforced block attenuate signals or cause multipath, a condition where reflected signals interfere with the primary signal path. Avoid mounting next to a column or vertical support that could create a "shadow zone" of reduced coverage to one portion of the room.

**STANDARD MOUNTING**

A threaded post on the back of the antenna and a supplied mounting nut are the primary mounting method when access is available to both sides of the mounting surface, such as a suspended ceiling tile. Mark the desired mounting location on the tile and cut a ø40mm (1.57") hole for threaded post. Feed the cables through the hole and secure the antenna with the mounting nut. (See figure 1).

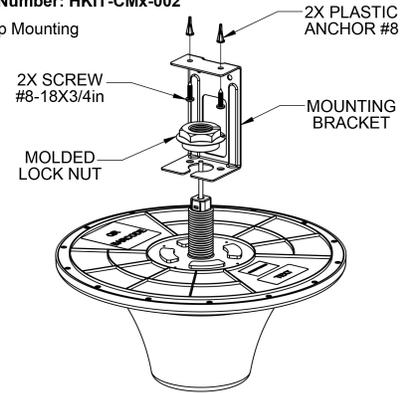
#### OPTIONAL MOUNTING

**Optional Mounting  
Above Ceiling Mounting  
Part Number: BKIT-CMx-001**

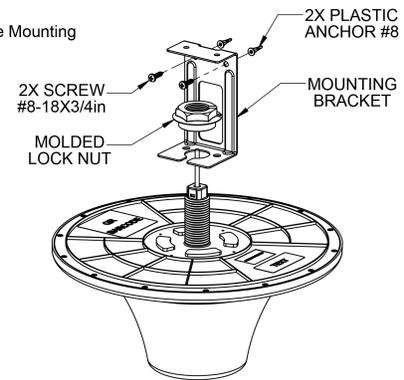


**Optional Mounting  
Hard Ceiling Mounting  
Part Number: HKIT-CMx-002**

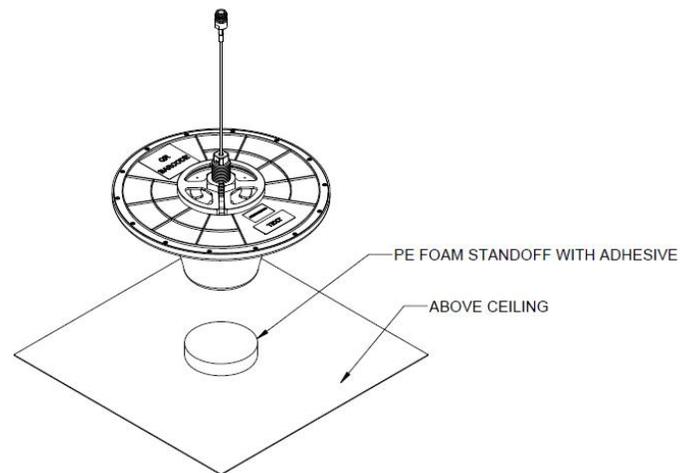
1. Top Mounting



2. Side Mounting



**Optional Mounting  
Above Ceiling Mounting  
Part Number: HKIT-CMx-004**



**Note:** The optional mounting kits are **NOT INCLUDED** with the antenna; it needs to be purchased separately