

Indoor Wide Band Omni Antenna

IX-MJN-V5PRT2

698-2700MHz, N-Female

Supports Comba Antenna Monitoring System



- Omni antenna wideband covering 698-2700MHz (700/800 Public Safety Band, 2G/3G/4G Network)
- Suitable for Indoor application, Non-PIM rating
- Compact ceiling mount and cost-effective design
- Radio Frequency Identification tag preinstalled to communicated with the CriticalPoint™ Antenna Monitoring System

Electrical Specification

| Product Model | IX-MJN-V5PRT2 | | | |
|--------------------------|---------------|-----------|-----------|-----------|
| Frequency (MHz) | 698-806 | 806-960 | 1695-2200 | 2300-2700 |
| Gain (dBi) | 2.0 ± 0.5 | 2.2 ± 0.5 | 5.3 ± 0.5 | 5.5 ± 0.5 |
| Polarization | Vertical | | | |
| Beamwidth Horizontal (°) | 360 | | | |
| VSWR | ≤ 2.0 | ≤ 1.8 | ≤ 1.5 | ≤ 1.5 |
| Average Power, max (W) | 50 | | | |
| Impedance (ohm) | 50 | | | |

Mechanical Specification

| | |
|------------------------------------|--|
| Dimension Diameter, height (in/mm) | Ø 7.3x 3.3 / Ø 186 x 83 |
| Weight (lb/kg) | 0.6 / 0.25 |
| Shipping Dimension(in/mm) | 5.9x6.3x7.1 / 150.0x160.0x180.0 |
| Shipping Weight(lb/kg) | 1.1 / 0.5 |
| Radome Material & color | ABS, White |
| Mounting** | Ceiling Mount MT-DA-02 mounting kit required for hard ceiling |
| Connector type | N-Female |

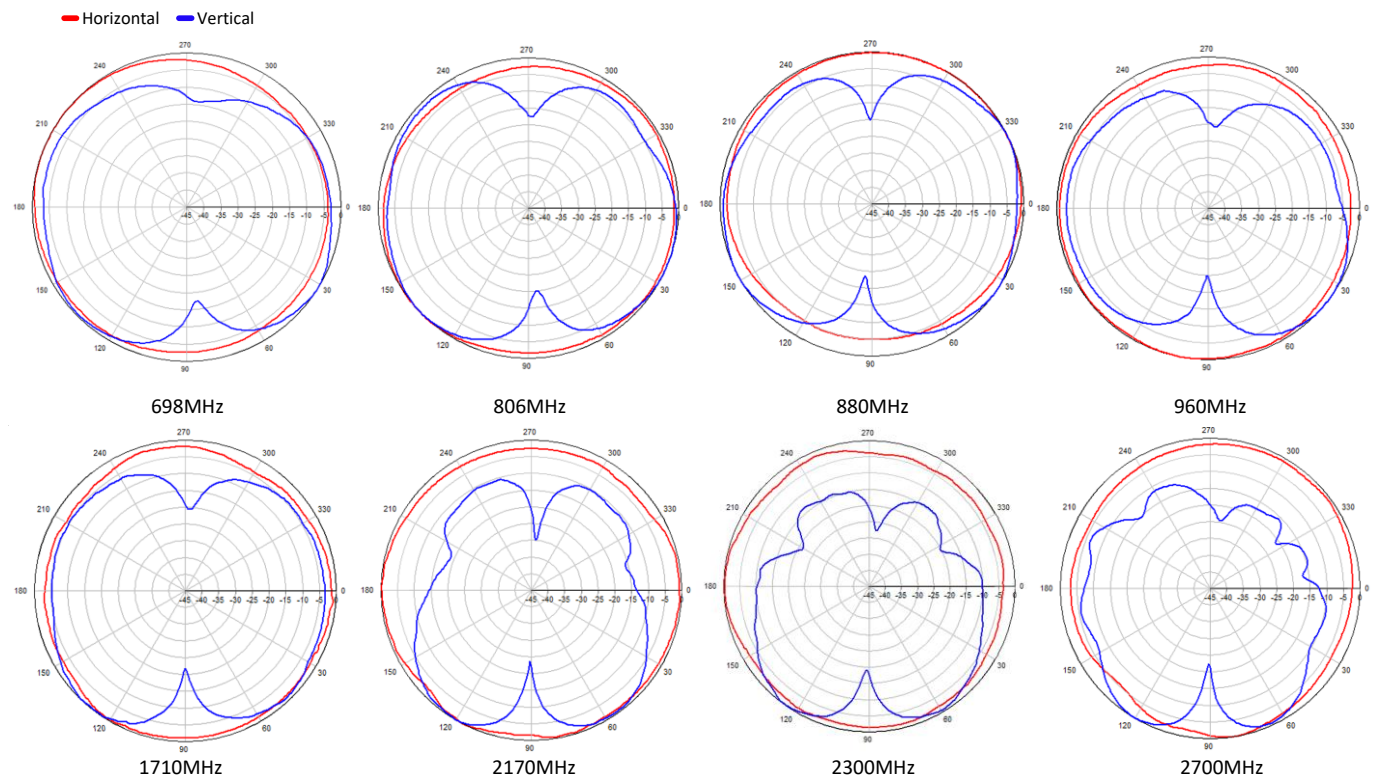
Environment & Compliance

| | |
|-----------------------|----------------|
| Application | Indoor* |
| Operating Temperature | -35°C to +60°C |
| Relative Humidity | Up to 95% |
| RoHS | Compliant |

* Note: Recommended for indoor application and the antenna can be used "outdoor garage rated"

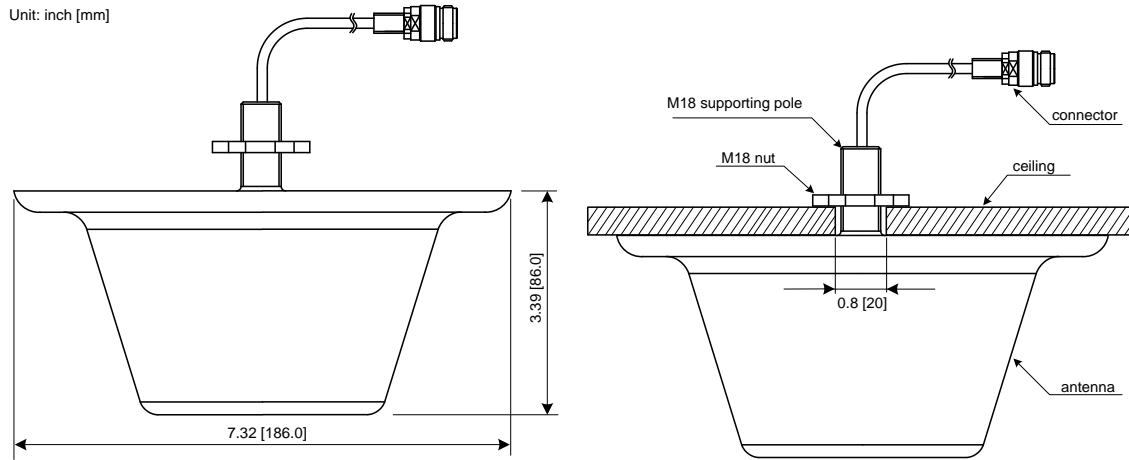
** Note: Acceptable mounting backplanes; drywall, metal J boxes, Plastic or Fiberglass J boxes. MT-DA-02 mounting kit is required for hard ceiling

Antenna Pattern



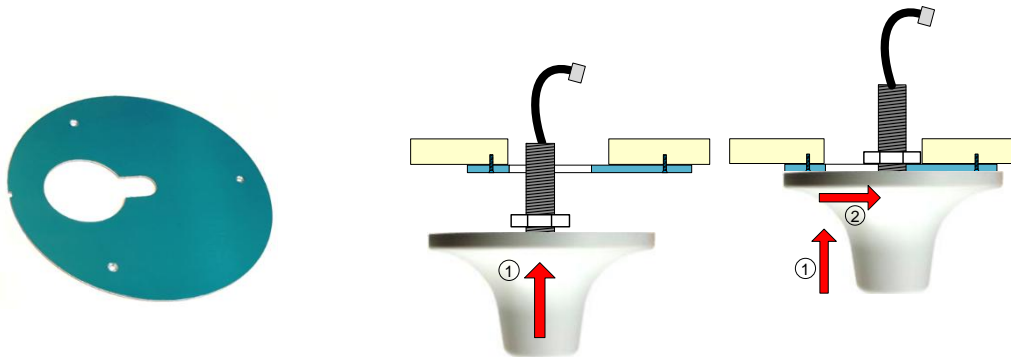
Mechanical Drawing and Installation Guide

1. Standard Ceiling Mounting



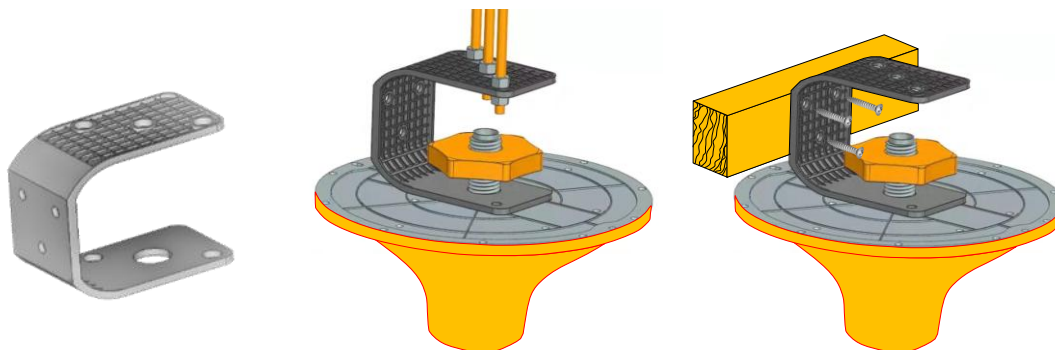
2. Hard Ceiling Mounting

Mounting Bracket: MT-DA-02. Please refer MT-DA-02 Installation instruction



3. High Ceiling Mounting / Joist Mounting

Mounting Bracket: MT-ND-HC. Please refer MT-ND-HC Installation instruction



High Ceiling Mounting

Joist Mounting