

**758-600-6000** is Low PIM-Rated, 2-Port MIMO Ultra-Slim Wideband Ceiling-Mount Antenna that allows facilities to support all cellular and non-cellular frequency bands from 617 MHz to 6000 MHz. It supports all cellular standards with high efficiency in all the bands, thus enabling a uniform coverage for all the applications with one antenna. This Low-Profile Antenna is designed to blend in with the environment and is perfect for In-Building and Public Safety Applications.

### **FEATURES:**

- Superior Performance across all bands from 617MHz to 6000MHz
- 2x2 MIMO Ultra-Slim, Light Weight Antenna
- Covers Public Safety, Cellular, C-Band, CBRS & LTE-LAA bands
- Easy Mounting
- High Gain, Low VSWR
- Low PIM performance
- Corrosion resistant and Anti-aging material
- RoHS Compliant
- In Stock to low lead time delivery



### **ELECTRICAL SPECIFICATIONS:**

|                                          |                                  |           |           |           |           |           |           |
|------------------------------------------|----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| Frequency Bands                          | 617-698                          | 698-806   | 806-960   | 1695-2200 | 2200-2700 | 3300-4200 | 4900-6000 |
| Gain                                     | 4.0 dBi                          | 4.2 dBi   | 4.5 dBi   | 5.5 dBi   | 6.0 dBi   | 5.5 dBi   | 7.5 dBi   |
| VSWR                                     | ≤ 1.9                            | ≤ 1.80    | ≤ 1.75    | ≤ 1.65    | ≤ 1.65    | ≤ 1.65    | ≤ 1.65    |
| Polarization                             | Linear Horizontal                |           |           |           |           |           |           |
| Horizontal Beamwidth                     | 360°                             |           |           |           |           |           |           |
| Vertical Beamwidth                       | 126°-132°                        | 116°-125° | 100°-120° | 30°-68°   | 30°-68°   | 20°-48°   | 19°-35°   |
| Input Impedance                          | 50 Ohms                          |           |           |           |           |           |           |
| Max Power                                | 50 Watts                         |           |           |           |           |           |           |
| Lightning Protection                     | DC Ground                        |           |           |           |           |           |           |
| Intermodulation (PIM - 3 <sup>rd</sup> ) | -155 dBc (Typ) (2 Tones +43 dBm) |           |           |           |           |           |           |

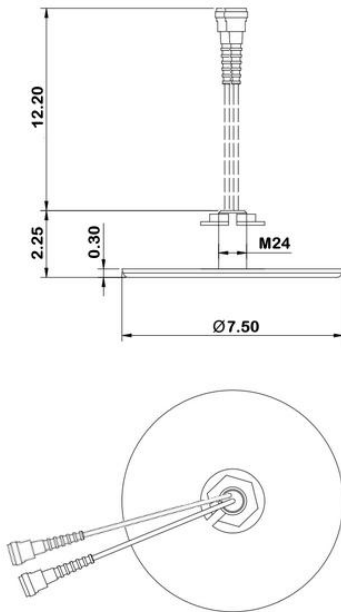
### **MECHANICAL SPECIFICATIONS:**

|                       |                                                                           |
|-----------------------|---------------------------------------------------------------------------|
| Connectors (2x)       | 4.3-10(F) (Standard) / Type-N(F)<br>(Male Connector Available on Request) |
| Environmental Class   | Indoor                                                                    |
| Mounting              | Ceiling Mount                                                             |
| Dimension             | Ø7.500" x 0.300"                                                          |
| Weight                | 0.50 lb                                                                   |
| Reflector Material    | RF-PCB                                                                    |
| Radome Material       | ABS (UV Stabilized)                                                       |
| Radome Color          | White (Standard)                                                          |
| Operating Temperature | -40°C to +65°C                                                            |

### **ORDERING INFO:**

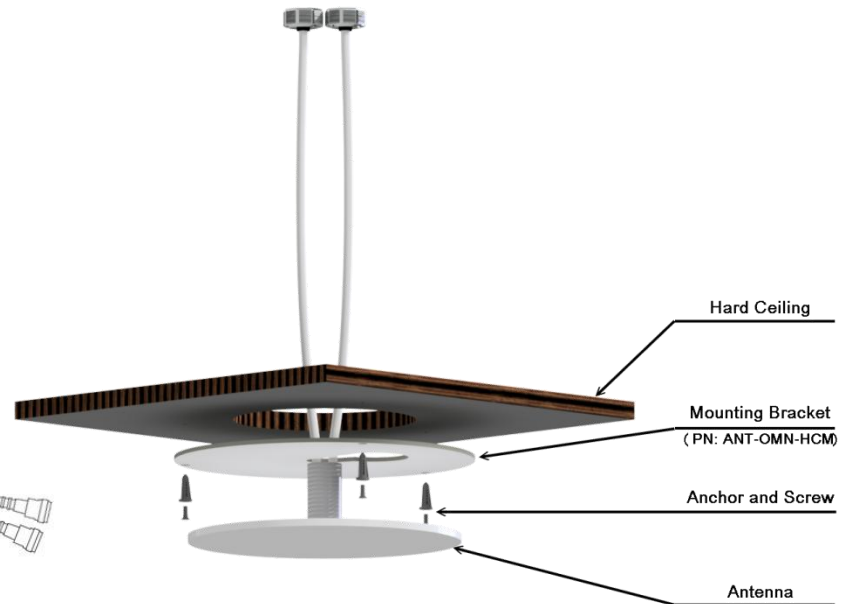
4.3-10(F) Conn: 758-600-6000-D43  
Type-N(F) Conn: 758-600-6000-N

**Dimensions for 758-600-6000-D43**



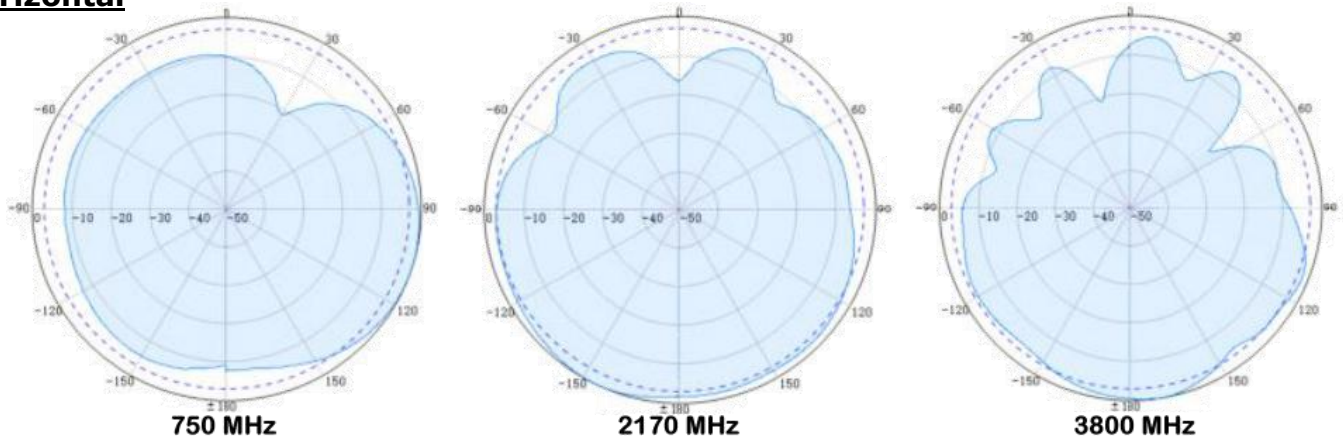
**Hard Ceiling Installation for 758-600-6000-D43**

PN: ANT-OMN-HCM --- \*\*\* TO BE ORDERED SEPERATELY \*\*\*

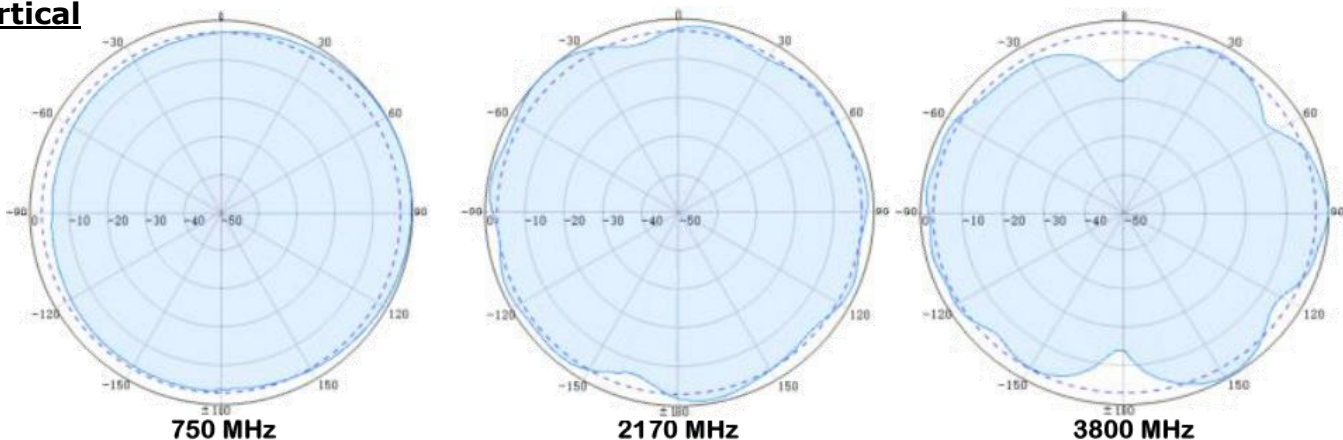


**Radiation Patterns**

**Horizontal**



**Vertical**



Please contact our sales department at 737-200-7090 or [sales@InnowaveRF.com](mailto:sales@InnowaveRF.com) for any custom requirements.

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