

**I-ATO5-698/4000**

Indoor Omnidirectional Antenna 698-4000 MHz



The omnidirectional antenna I-ATO5-698/4000 is designed for broadband in-building DAS applications supporting all kind of safety as well as 4G and 5G commercial wireless communication networks. The antenna combines an aesthetical design with superior electrical characteristics notably a PIM optimized design to minimize network interferences.

The antenna is constructed from lightweight materials ideal for easy ceiling mounting. The low profile and off-white radome blends easily into most building aesthetics with minimum visual impact.

**Features / Benefits**

- **Wideband omni antenna, supporting all wireless services in the frequency bands 698-960/ 1350-1710MHz / 1710-2700MHz/3400-4000MHz**
- **Typically used in indoor distribution of 2G / 3G / 4G / 5G wireless services in all standardized frequency bands**
- **PIM optimized antenna design (-153dBc @2x20W)**
- **Aesthetical visual appearance, compact and light weight**
- **Low return loss, stable performance**
- **Pigtail with N female connector**
- **Ceiling mounting**

**Technical Features****STRUCTURE**

|                            |                         |
|----------------------------|-------------------------|
| Product Type               | Omnidirectional Antenna |
| Polarization               | Horizontal              |
| Connectors                 | N female                |
| Number of Input Ports      | 1                       |
| Mounting Hardware included | mountig clamp           |
| Radome Material            | ABS                     |
| Radome Color               | White ( RAL 9003 )      |

**MECHANICAL SPECIFICATIONS**

|                            |                 |
|----------------------------|-----------------|
| Connector Cable            | 300mm (11.81in) |
| Height (Less Connectors)   | 18mm (0.709in)  |
| Diameter (Less Connectors) | 220mm (8.66in)  |
| Weight                     | 0.3kg (0.66lb)  |

**ELECTRICAL SPECIFICATIONS**

|                        |             |
|------------------------|-------------|
| Impedance              | 50 $\Omega$ |
| Intermodulation (IM3)  | -153 dBc    |
| Total Input Power max. | 50 W        |

**TEMPERATURE SPECIFICATIONS**

|                       |                                |
|-----------------------|--------------------------------|
| Operation Temperature | -40°C to 55°C (-40°F to 131°F) |
|-----------------------|--------------------------------|