

**I-ATO5-380/2700**

Indoor Omnidirectional Antenna 380-2700 MHz



The omnidirectional antenna I-ATO5-380/2700 is designed for broadband in-building DAS applications supporting all kind of safety and 4G 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 omnidirectional antenna, supporting all wireless services in the frequency bands 380-520 / 698-960/ 1710-2700MHz**
- **Aesthetical visual appearance, compact and light weight**
- **Indoor distribution of safety and commercial wireless services**
- **PIM optimized antenna design (140dBc @2x20W)**
- **Easy installation, ceiling mounting**

**Technical Features****STRUCTURE**

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

**MECHANICAL SPECIFICATIONS**

|                            |                 |
|----------------------------|-----------------|
| Connector Cable            | 300mm (11.81in) |
| Height (Less Connectors)   | 18mm (0.709in)  |
| Diameter (Less Connectors) | 266mm (10.47in) |
| Weight                     | 0.4kg (0.88lb)  |

**ELECTRICAL SPECIFICATIONS**

|                        |             |
|------------------------|-------------|
| Impedance              | 50 $\Omega$ |
| Total Input Power max. | 50 W        |

**TEMPERATURE SPECIFICATIONS**

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



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TESTING AND ENVIRONMENTAL

|                     |      |
|---------------------|------|
| Environmental Class | IP65 |
|---------------------|------|

