



The panel antenna I-ATP5-380/2700 is designed for broadband in-building DAS applications supporting all kind of mission critical 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 panel antenna supporting all wireless services in the frequency bands 380-530 / 698-960/1710-2700MHz
- Typically used in indoor distribution of LTE services in combination with mission critical communication systems
- PIM optimized antenna design (140dBc @2x20W)
- Aesthetical visual appearance, compact and lightweight
- Pigtail with N female connector



I-ATP5-380/2700

**Technical features**

**GENERAL SPECIFICATIONS**

|                    |  |               |
|--------------------|--|---------------|
| Product Type       |  | Panel Antenna |
| Techn. Application |  | Indoor        |

**MECHANICAL SPECIFICATIONS**

|                            |         |                   |
|----------------------------|---------|-------------------|
| Number of Input Ports      |         | 1                 |
| Connectors                 |         | N female          |
| Connector Cable            | mm (in) | 300 (11.81)       |
| Mounting Hardware included |         | Wall installation |
| Height (Less Connectors)   | mm (in) | 65 (2.56)         |
| Width (Less Connectors)    | mm (in) | 190 (7.48)        |
| Length (Less Connectors)   | mm (in) | 308 (12.12)       |
| Weight                     | kg (lb) | 0.6 (1.32)        |

**ELECTRICAL SPECIFICATIONS**

|                               |     |           |           |             |
|-------------------------------|-----|-----------|-----------|-------------|
| Frequency                     | MHz | 380 - 530 | 698 - 960 | 1710 - 2170 |
| Gain, typ.                    | dBi | 4.0 ± 1.0 | 5.0 ± 1.0 | 7.0 ± 1.0   |
| max. VSWR                     |     | 2.5       | 2.0       | 2.0         |
| Beam width, Vertical, typ.    | °   | 50        | 65        | 65          |
| Beam width, Horizontal, typ.  | °   | 150       | 90        | 75          |
| Intermodulation (IM3) (2x20W) | dBc | /         | 140dBc    | 140dBc      |
| Impedance, Ohm                | Ω   |           | 50        |             |
| Polarization                  |     |           | Vertical  |             |
| Total Input Power max.        | W   |           | 50        |             |



**MATERIAL**

|                        |  |                 |
|------------------------|--|-----------------|
| <b>Radome Material</b> |  | ABS             |
| <b>Radome Color</b>    |  | White (RAL9003) |

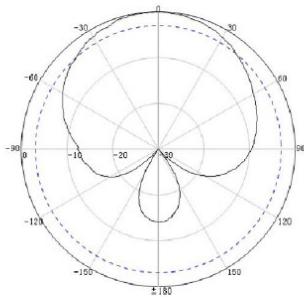
**TEMPERATURE SPECIFICATIONS**

|                              |         |                         |
|------------------------------|---------|-------------------------|
| <b>Operation Temperature</b> | °C (°F) | -40 to 55 (-40 to 131 ) |
|------------------------------|---------|-------------------------|

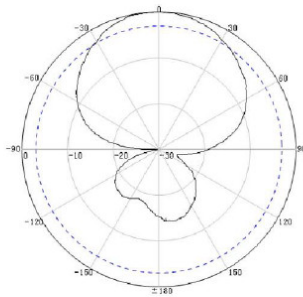
**TESTING AND ENVIRONMENTAL**

|                            |  |        |
|----------------------------|--|--------|
| <b>Environmental Class</b> |  | Indoor |
|----------------------------|--|--------|

Horizontal Pattern

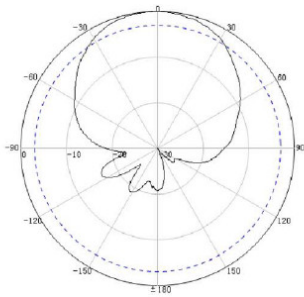


Vertical Pattern

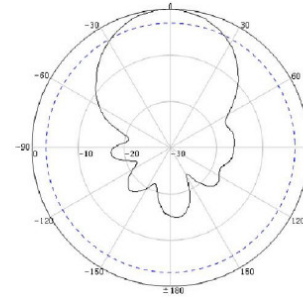


900MHz

Horizontal Pattern



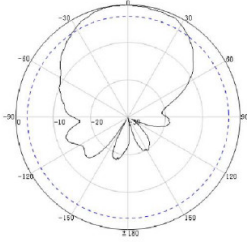
Vertical Pattern



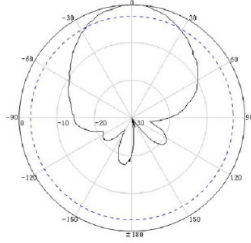
1710MHz



Horizontal Pattern



Vertical Pattern



2500MHz

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