

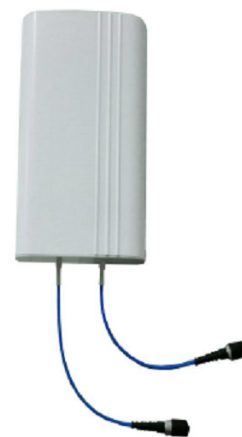
**I-ATP5-698/4000M**

Indoor Panel MIMO Antenna 698-4000 MHz

The panel antenna I-ATP5-698/4000M 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 panel antenna supporting the frequency bands 698-960/1710-2700 / 3400-4000MHz
- Typically used in indoor distribution of 2G/3G/4G/5G wireless services in all standardized frequency bands
- Low return loss, High gain, Stable performance.
- PIM optimized antenna design (-153dBc @2x20W)
- Aesthetical visual appearance, compact and light weight
- Pigtail with N female connector
- Ideal for 4G LTE multi-band MIMO applications



I-ATP5-698/4000M

**Technical features****GENERAL SPECIFICATIONS**

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

**MECHANICAL SPECIFICATIONS**

|                            |         |                      |
|----------------------------|---------|----------------------|
| Number of Input Ports      |         | 2                    |
| Connectors                 |         | N female             |
| Mounting Hardware included |         | Wall bracket, screws |
| Height (Less Connectors)   | mm (in) | 62 (2.44)            |
| Width (Less Connectors)    | mm (in) | 180 (7.1)            |
| Length (Less Connectors)   | mm (in) | 403 (15.9)           |
| Weight                     | kg (lb) | 1.5 (3.3)            |

**ELECTRICAL SPECIFICATIONS**

| Frequency                    | MHz | 698 - 806               | 806 - 960 | 1710 - 2170 | 2200 - 2700 | 3400 - 4000 |
|------------------------------|-----|-------------------------|-----------|-------------|-------------|-------------|
| Gain, typ.                   | dBi | 5.0                     | 6.0       | 7.0         | 7.5         | 8.5         |
| max. VSWR                    |     | 2.0                     | 2.0       | 2.0         | 2.0         | 2.0         |
| Beam width, Vertical, typ.   | °   | 73                      | 70        | 60          | 60          | 30          |
| Beam width, Horizontal, typ. | °   | 80                      | 80        | 65          | 60          | 55          |
| Impedance, Ohm               | Ω   | 50                      |           |             |             |             |
| Polarization                 |     | Vertical and horizontal |           |             |             |             |
| Intermodulation (IM3)        |     | - 153dBc with 2 x 20W   |           |             |             |             |
| Total Input Power max.       | W   | 50                      |           |             |             |             |

**MATERIAL**

|                 |  |                  |
|-----------------|--|------------------|
| Radome Material |  | ABS              |
| Radome Color    |  | White (RAL 9003) |

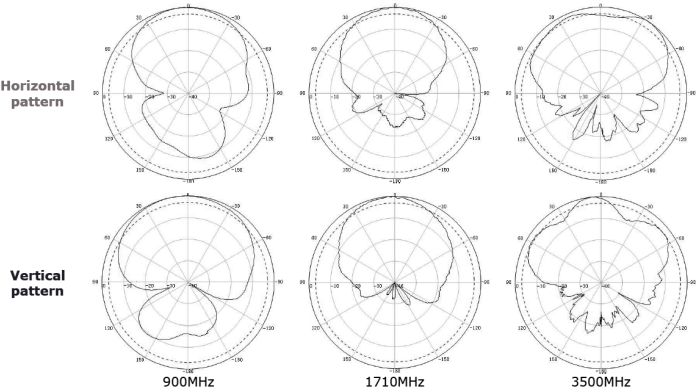


TEMPERATURE SPECIFICATIONS

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

TESTING AND ENVIRONMENTAL

|                     |  |        |
|---------------------|--|--------|
| Environmental Class |  | Indoor |
|---------------------|--|--------|



External Document Links

Notes