



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**

<b>Product Type</b>		Panel Antenna
<b>Techn. Application</b>		Indoor

**MECHANICAL SPECIFICATIONS**

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

**ELECTRICAL SPECIFICATIONS**

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

**MATERIAL**

<b>Radome Material</b>		ABS
<b>Radome Color</b>		White (RAL 9003)

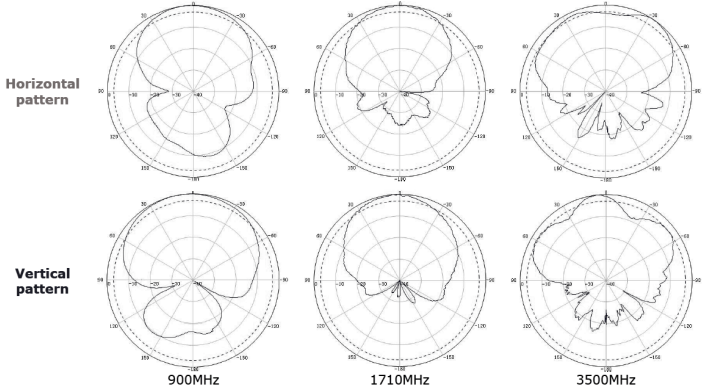


**TEMPERATURE SPECIFICATIONS**

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

**TESTING AND ENVIRONMENTAL**

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



[External Document Links](#)

[Notes](#)