



The panel antenna I-ATP5-43-698/3800 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 698-960/1427-2700MHz/3400-3800MHz
- 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



I-ATP5-698/3800

**Technical features**

**GENERAL SPECIFICATIONS**

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

**MECHANICAL SPECIFICATIONS**

<b>Number of Input Ports</b>		1
<b>Connectors</b>		N female
<b>Connector Cable</b>	mm (in)	300 (11.8)
<b>Mounting Hardware included</b>		Wall bracket, screws
<b>Height (Less Connectors)</b>	mm (in)	180 (7.09)
<b>Width (Less Connectors)</b>	mm (in)	170 (6.7)
<b>Length (Less Connectors)</b>	mm (in)	60 (2.36)
<b>Weight</b>	kg (lb)	0.4 (0.88)

**ELECTRICAL SPECIFICATIONS**

Frequency	MHz	698 - 806	806 - 960	1427 - 1710	1710- 2700	3400- 4000
<b>Gain, typ.</b>	dBi	5.0 ± 1.0	6.0 ± 1.0	7.0 ± 1.0	7.0 ± 1.0	5.5 ± 0.5
<b>max. VSWR</b>		1.8	1.8	1.8	1.8	1.8
<b>Beam width, Vertical, typ.</b>	°	73	70	60	60	30
<b>Beam width, Horizontal, typ.</b>	°	80	80	65	60	55
<b>Front-To-Back-Ratio</b>	dB	5	8	10	12	10
<b>Impedance, Ohm</b>	Ω	50				
<b>Polarization</b>		Vertical				
<b>Intermodulation (IM3)</b>		-153dBc (2 x 43dBm)				
<b>Total Input Power max.</b>	W	50				

**MATERIAL**

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

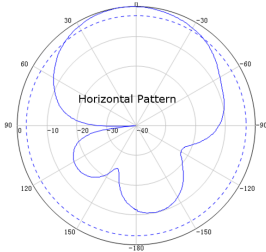


TEMPERATURE SPECIFICATIONS

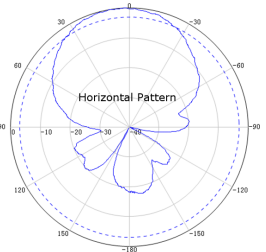
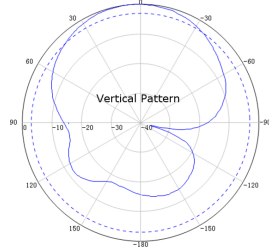
Operation Temperature	°C (°F)	-40 to 55 (-40 to 131 )
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TESTING AND ENVIRONMENTAL

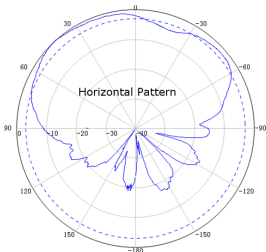
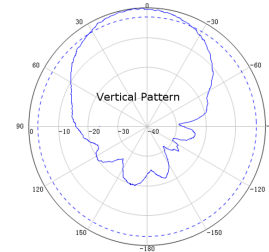
Environmental Class		Indoor
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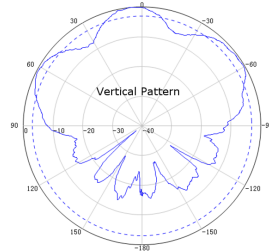
900 MHz



1880 MHz



3500 MHz



External Document Links

Notes