



The panel antenna I-ATP5-43-698/4000 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 698-960/1710-2700MHz/3400-4000MHz
- 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 4.3-10 female connector
- Ceiling mounting



I-ATP5-43-698/4000

**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>		4.3-10 female
<b>Connector Cable</b>	mm (in)	200 (7.9)
<b>Mounting Hardware included</b>		Wall bracket, screws
<b>Height (Less Connectors)</b>	mm (in)	200 (7.9)
<b>Diameter (Less Connectors)</b>	mm (in)	4.3 ( )
<b>Width (Less Connectors)</b>	mm (in)	180 (7.1)
<b>Length (Less Connectors)</b>	mm (in)	62 (2.4)
<b>Weight</b>	kg (lb)	0.6 (1.32)

**ELECTRICAL SPECIFICATIONS**

<b>Frequency</b>	MHz	698 - 806	806 - 960	1710 - 2170	2170 - 2700	3400 - 4000
<b>Gain, typ.</b>	dB	5.0 ± 1.0	6.0 ± 1.0	7.0 ± 1.0	7.5 ± 1.0	8.5 ± 1.0
<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>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**

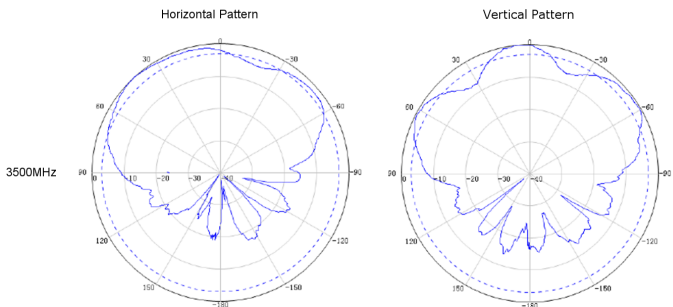
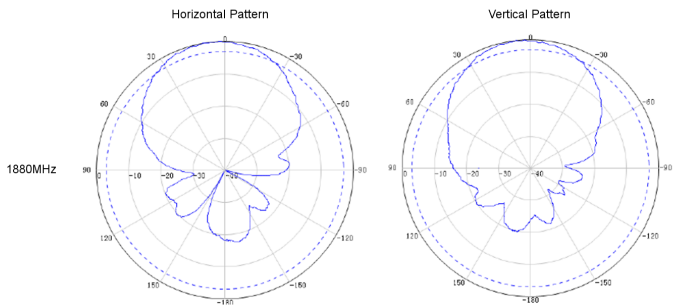
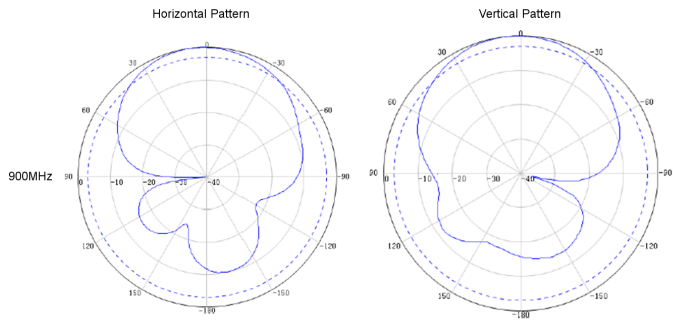
Radome Material		ABS
Radome Color		White (RAL9003)

**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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External Document Links

Notes