



This indoor panel antenna is designed for broadband in-building MIMO distribution of modern wireless communication systems as LTE, GSM, CDMA, PCS, 3G, WiFi, WLAN services. The antenna ensures highest performance for in-building passive DAS MIMO applications avoiding passive intermodulation products due to the PIM optimized design.

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 698-960/1710-2700MHz**
- **Ideal for 4G LTE multi-band MIMO applications**
- **Low return loss, High gain, Stable performance.**
- **PIM optimized antenna design (150dBc @2x20W)**
- **Aesthetical visual appearance, compact and light weight**
- **Low loss pigtail with N female connector**



I-ATP5-698/2700M

**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>Connector Cable</b>	mm (in)	200 (7.9)
<b>Mounting Hardware included</b>		Wall bracket, screws
<b>Height (Less Connectors)</b>	mm (in)	305 (12)
<b>Width (Less Connectors)</b>	mm (in)	190 (7.48)
<b>Length (Less Connectors)</b>	mm (in)	65 (2.56)
<b>Weight</b>	kg (lb)	0.9 (1.98)

**ELECTRICAL SPECIFICATIONS**

<b>Frequency</b>	MHz	698 - 806	806 - 960	1710 - 2700
<b>Gain, typ.</b>	dBi	6.5 ± 1.0	7.0 ± 1.0	7.5 ± 1.0
<b>max. VSWR</b>		2.0	2.0	1.8
<b>Beam width, Vertical, typ.</b>	°	68	60	65
<b>Beam width, Horizontal, typ.</b>	°	78	73	73
<b>Impedance, Ohm</b>	Ω		50	
<b>Polarization</b>			± 45°	
<b>Intermodulation (IM3)</b>			-150dBc (2x43dBm)	
<b>Total Input Power max.</b>	W		50	



**MATERIAL**

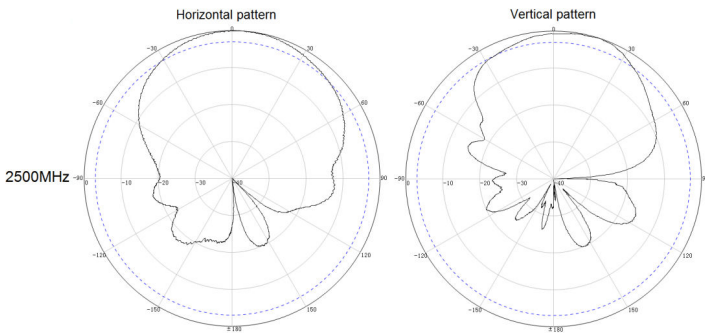
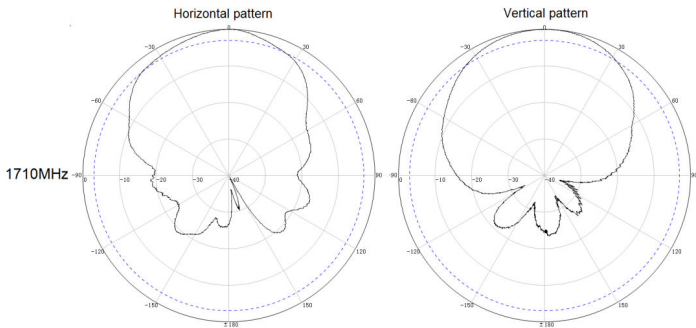
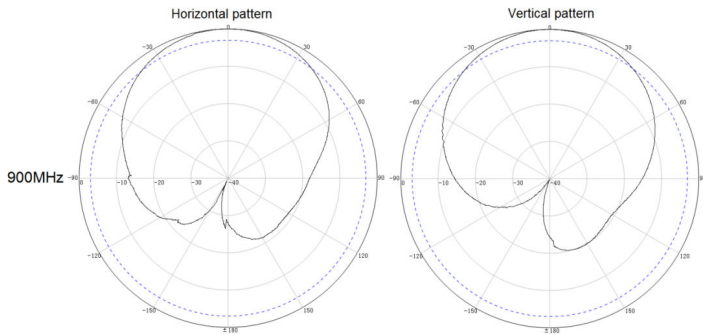
Radome Material		ABS
Radome Color		White (RAL9003)

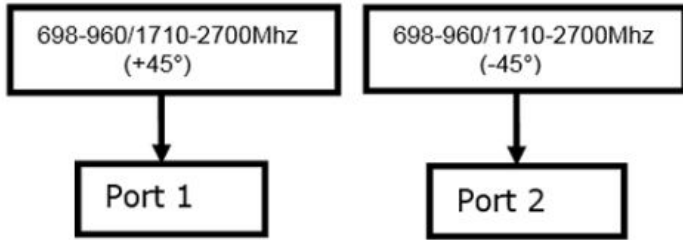
**TEMPERATURE SPECIFICATIONS**

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](#)

Isolation between horizontal and vertical polarization > 20 dB, > 23 dB  
@ 1710 - 2700 MHz