



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
- Pigtail with 4.3-10 female connector



I-ATP5-43-698/2700M

**Technical features**

**GENERAL SPECIFICATIONS**

Product Type		Panel Antenna
Techn. Application		Indoor

**MECHANICAL SPECIFICATIONS**

Number of Input Ports		2
Connectors		4.3-10 female
Connector Cable	mm (in)	200 (7.9)
Mounting Hardware included		Wall bracket, screws
Height (Less Connectors)	mm (in)	308 (12.1)
Diameter (Less Connectors)	mm (in)	4.3 ( )
Width (Less Connectors)	mm (in)	190 (7.48)
Length (Less Connectors)	mm (in)	65 (2.56)
Weight	kg (lb)	0.9 (1.98)

**ELECTRICAL SPECIFICATIONS**

Frequency	MHz	698 - 806	806 - 960	1710 - 2700
Gain, typ.	dBi	6.5 ± 1.0	7.0 ± 1.0	7.5 ± 1.0
max. VSWR		2.0	2.0	1.8
Beam width, Vertical, typ.	°	68	60	65
Beam width, Horizontal, typ.	°	78	73	73
Impedance, Ohm	Ω	50		
Polarization		± 45°		
Intermodulation (IM3)		- 150 dBc with 2 x 20 W		
Total Input Power max.	W	50		

**MATERIAL**

Radome Material		ABS
Radome Color		White (RAL 9003)

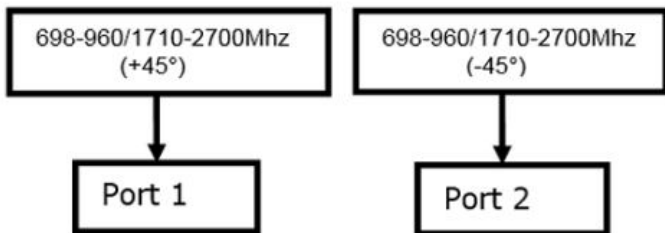
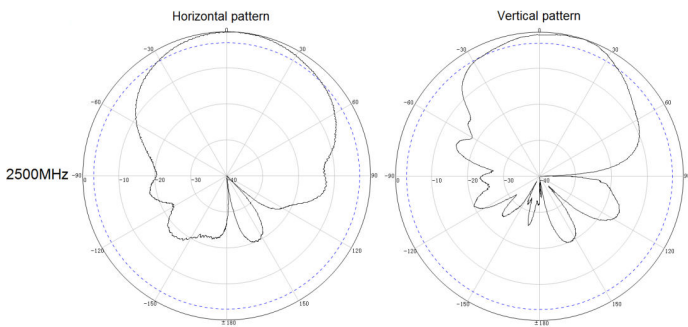
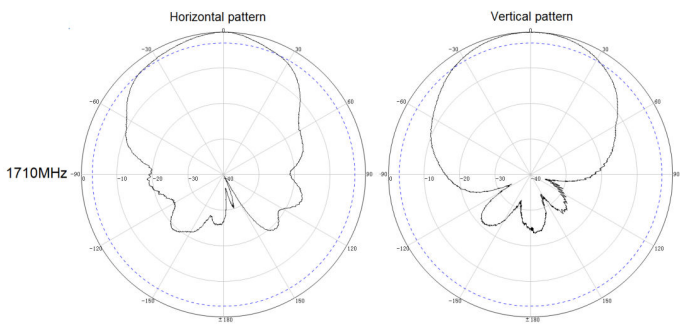
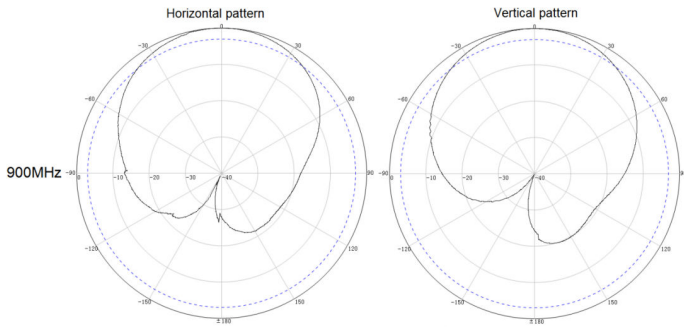
**TEMPERATURE SPECIFICATIONS**

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