PRODUCT DATASHEET

I-ATP5-698/2700

Indoor Panel Antenna 698-2700 MHz

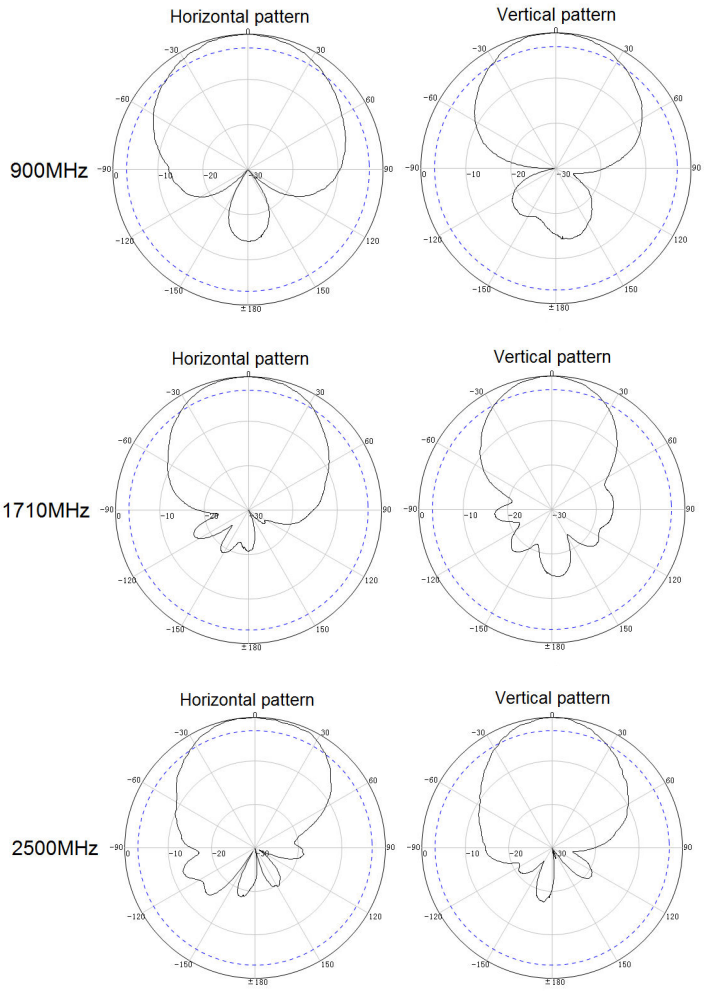
This panel antenna is designed for broadband in-building distribution of modern wireless communication systems as LTE, GSM, CDMA, PCS, 3G, WiFi / WLAN services. The antenna ensures highest performance for in-building passive DAS applications avoiding passive intermodulation products due to the PIM optimized 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-directional antenna supporting all wireless services in the frequency bands 698-960/1710-2700MHz**
- **Typically used in indoor distribution of LTE services**
- **PIM optimized antenna design (150dBc @2x20W)**
- **Aesthetical visual appearance, compact and lightweight**
- **Pigtail with N female connector**

Technical features

GENERAL SPECIFICATIONS					
Product Type		Panel Antenna			
Techn. Application		Indoor			
MECHANICAL SPECIFICATIONS					
Number of Input Ports		1			
Connectors		N female			
Connector Cable	mm (in)	200 (7.9)			
Mounting Hardware included		Wall bracket, screws			
Height (Less Connectors)	mm (in)	165 (6.5)			
Width (Less Connectors)	mm (in)	155 (6.1)			
Length (Less Connectors)	mm (in)	50 (1.97)			
Weight	kg (lb)	0.4 (0.88)			
ELECTRICAL SPECIFICATIONS					
Frequency	MHz	698 - 806	806 - 960	1710 - 2170	2170 - 2700
Gain, typ.	dBi	5.5 ± 1.0	6.0 ± 1.0	7.0 ± 1.0	7.5 ± 1.0
max. VSWR		1.5	1.5	1.5	1.5
Beam width, Vertical, typ.	°	75	73	60	50
Beam width, Horizontal, typ.	°	85 ± 20	85 ± 20	62 ± 15	60 ± 20
Impedance, Ohm	Ω	50			
Polarization		Vertical			
Intermodulation (IM3)		-150dBc (2 x 43dBm)			
Total Input Power max.	W	50			
MATERIAL					
Radome Material		ABS			
Radome Color		White (RAL9003)			
TEMPERATURE SPECIFICATIONS					
Operation Temperature	°C (°F)	-40 to 55 (-40 to 131)			
TESTING AND ENVIRONMENTAL					
Environmental Class		Indoor			



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