PRODUCT DATASHEET

I-ATP5-43-698/2700

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**
- **PIM optimized antenna design (150dBc @2x20W)**
- **Aesthetical visual appearance, compact and lightweight**
- **Pigtail with 4.3-10 female connector**

I-ATP5-43-698/2700

Technical features

GENERAL SPECIFICATIONS

Product Type		Panel Antenna
Techn. Application		Indoor

MECHANICAL SPECIFICATIONS

Number of Input Ports		1
Connectors		4.3-10 female
Connector Cable	mm (in)	200 (7.9)
Mounting Hardware included		Wall bracket, screws
Height (Less Connectors)	mm (in)	165 (6.5)
Diameter (Less Connectors)	mm (in)	4.3 ()
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	5.0 ± 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)		-153 dBc with 2 x 20 W			
Total Input Power max.	W	50			

MATERIAL

Radome Material		ABS
Radome Color		White (RAL 9003)

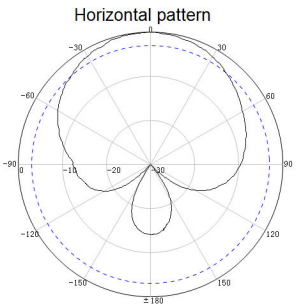
TEMPERATURE SPECIFICATIONS

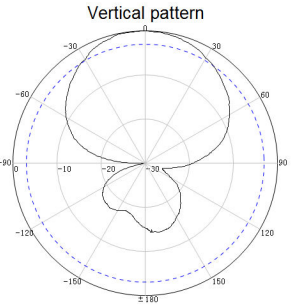
Operation Temperature	°C (°F)	-40 to 55 (-40 to 131)

TESTING AND ENVIRONMENTAL

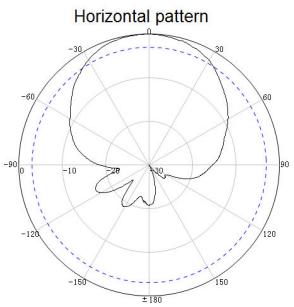
Environmental Class		Indoor

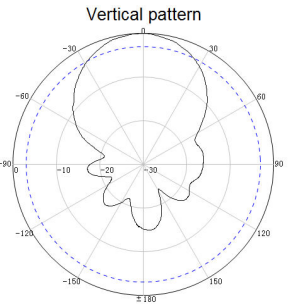
900MHz



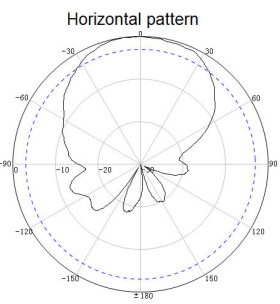


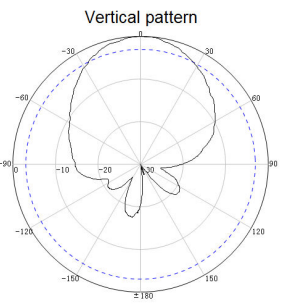
1710MHz





2500MHz





External Document Links

Notes