

Directional DAS Series 2xMiMo 4G/5G Antenna

PD617-6000M2NF



Features & Applications:

- 4G / 5G-FR1 617-6000MHz
- 2-Port MiMo
- In-building wall mount
- Directional radiation pattern
- Low PIM and SAR compliant
- Connector N-Female as standard
- For 4.3-10 Female version use P/N: PD617-6000M243

ELECTRICAL SPECIFICATIONS

PD617-6000M2NF

Frequency range		MHz	617-698	698-960	1710-2700	3300-4000	4900-6000
Gain		dBi	5.5±1	6.0±1	7.0±1	6.0±1	6.5±1
Polarization			±45deg cross				
Beam width	Horizontal	deg	80	70	68	55	50
	Vertical		70	70	68	50	50
VSWR			≤1.8	≤1.8	≤1.8	≤1.8	≤1.8
Front-to-back ratio		dB	10	10	10	10	10
PIM,3rd order,2x20W		dBc	-	≤-153			N/A
Max. input power		W	50				
Impedance		Ohm	50				
SAR compliance			Compliant based on whole-body SAR limit RF Exposure calculation (CEI EN 50383)				

MECHANICAL SPECIFICATIONS

PD617-6000M2NF

Dimension (W x L x H)		Housing Material	Color	Weight with mounting kit	Mounting Kit	
422 x 308 x 100 mm (16.61 x 12.13 x 3.94 inch)		ABS, UV Protected	White RAL9003	2.0kg (4.41lbs)	Wall mount (standard)	
Wireless Technology	No. of Port	Cable Length		Cable Type		Connector Type
4G,5G FR1	2	1Ft (0.3m)		Ø 0.160" low loss		NF

ENVIRONMENTAL SPECIFICATIONS

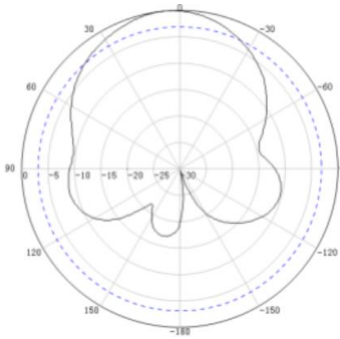
PD617-6000M2NF

Operating Temperature	Storage Temperature	RoHS Compliant	Ingress Protection	Warranty
-55 / +60° C	-55 / +60° C	Yes	IP50	2 years

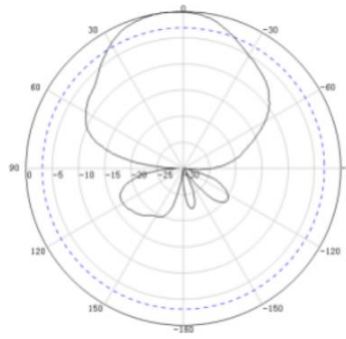
Radiation Pattern –Vertical and Horizontal Plane

PD617-6000M2NF

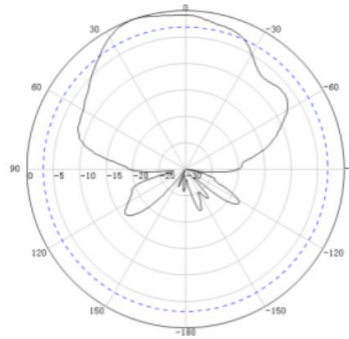
Vertical



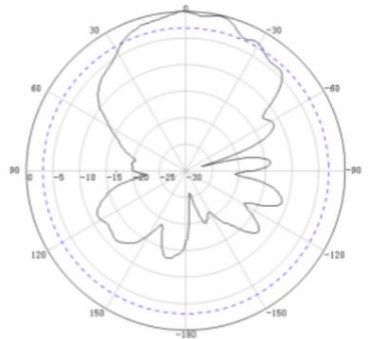
806MHz



1920MHz

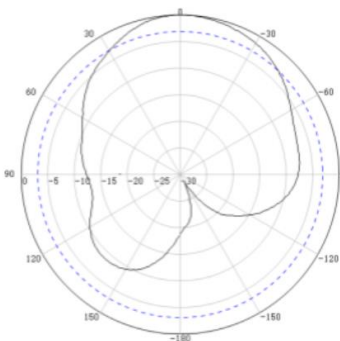


3500MHz

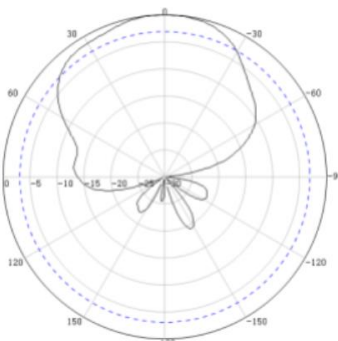


5450MHz

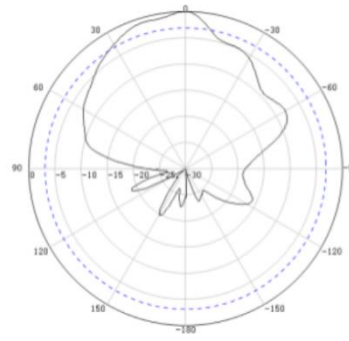
Horizontal



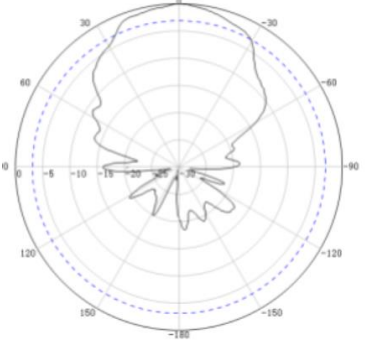
806MHz



1920MHz



3500MHz



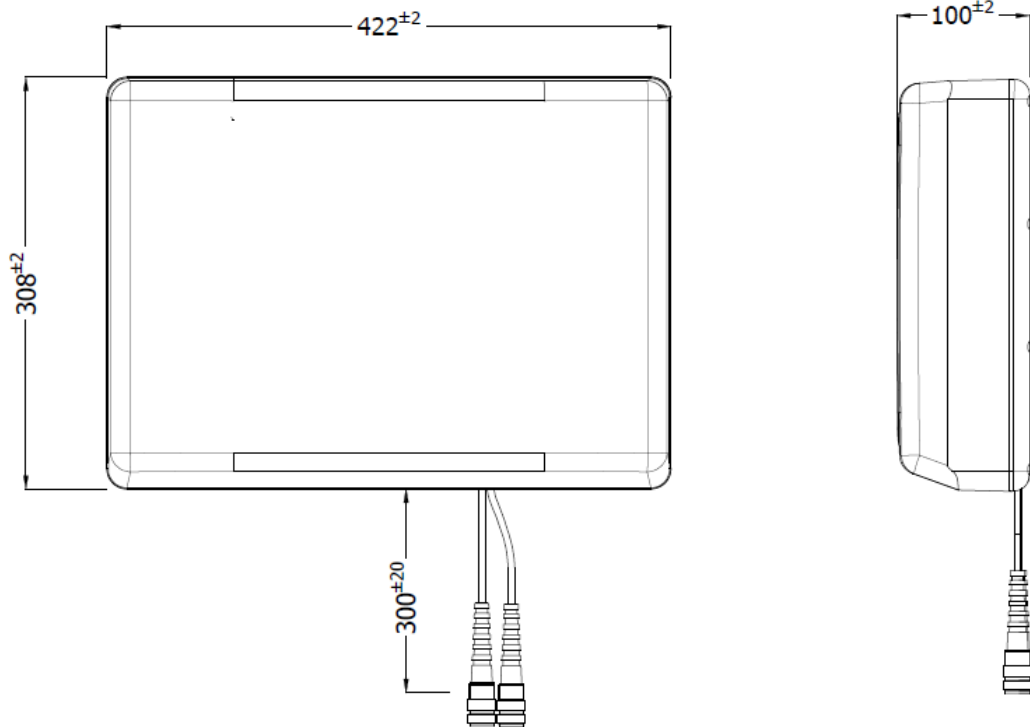
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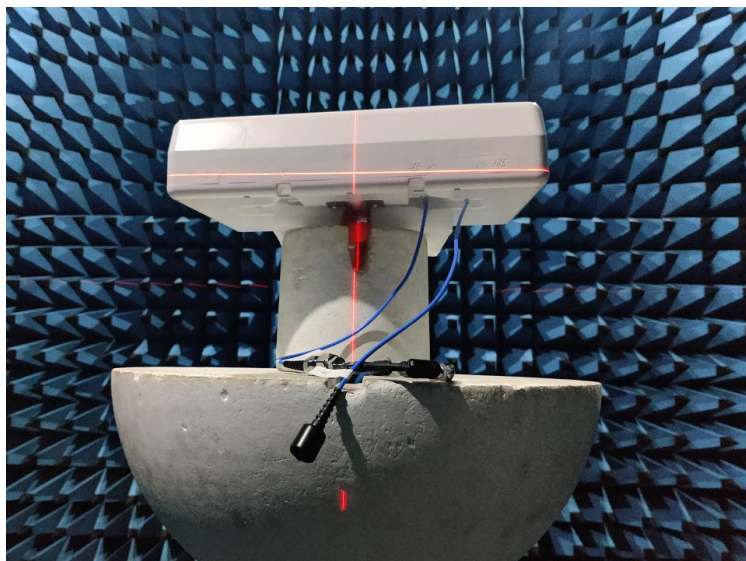
Mechanical Drawing

PD617-6000M2NF



Test Setup

General / Chamber Setup



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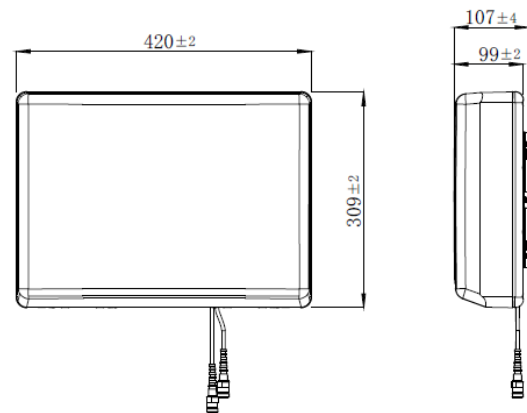
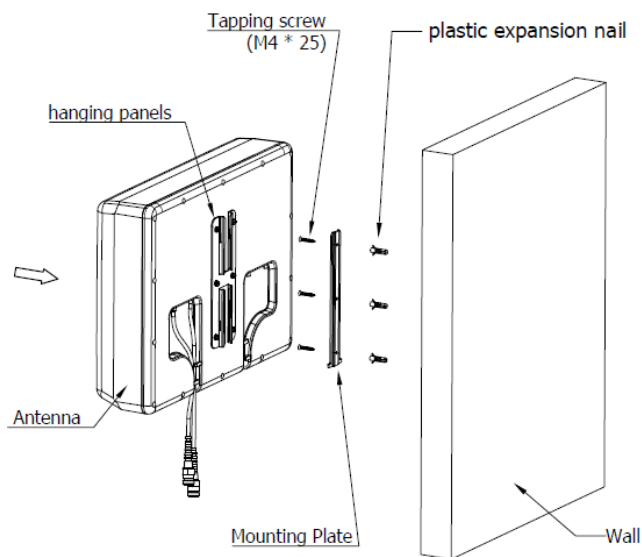
PACKAGING

PD617-6000M2NF

1. Inner box: 475*415*155mm;
2. Outer box size: 815*485*450mm;
3. 5Pcs/Carton;

Installation instructions

PD617-6000M2NF



- ① Make four (M6*25) holes in the wall.
- ② Put the plastic expansion nail into the hole.
- ③ Attach the mounting plate to the wall with self-tapping screws (M4 * 25) and tighten.
- ④ Buckle the antenna back plate onto the wall mounting plate.

Notes:

1. Please contact sales for availability, lead time, and/or any special requests. Samples available upon request.

For More Information:

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