

Directional DAS Series

4-port 2xMiMo 4G/5G Antenna

PD617-6000M443



Features & Applications:

- 4G / 5G-FR1 617-6000MHz
- 2-Port MiMo Low/mid -bands 617-960 / 1695-2700MHz
- 2-Port MiMo High -bands 3300-4000 / 4800-6000MHz
- In-building wall mount
- Directional radiation pattern
- Low PIM and SAR compliant
- Connector 4.3-10-Female as standard
- For N-Female connector use P/N: PD617-6000M4NF

ELECTRICAL SPECIFICATIONS

PD617-6000M443

		LB 2-ports		HB 2-ports	
Frequency range	MHz	617-960	1695-2700	3300-4000	4800-6000
Gain	dBi	6.5±1	7.0±1	10.5±1	10.5±1
Polarization		+/-45deg slant			
Beam width	Horizontal	80	75	60	60
	Vertical	70	60	35	35
VSWR		≤1.7	≤1.5	≤1.7	≤1.7
Front-to-back ratio	dB	15	20	25	20
Isolation	dB	>20	>23	>23	>23
PIM,3rd order,2x20W	dBc	≤-153			N/A
Max. input power	W	100			
Impedance	Ohm	50			
SAR compliance		Compliant based on whole-body SAR limit RF Exposure calculation (CEI EN 50383)			

MECHANICAL SPECIFICATIONS

PD617-6000M443

Dimension (W x L x H)	Housing Material	Color	Weight with mounting kit	Mounting Kit	
308 x 420 x 82 mm (12.13 x 16.54 x 3.23 inch)	ABS, UV Protected	White RAL9003	1.6 kg (3.527 lbs)	Wall mount (standard)	
Wireless Technology	No. of Port	Cable Length	Cable Type	Connector Type	
4G,5G FR1	4	1Ft (0.3m)	Ø 0.160" low loss	4.3-10-Female	

ENVIRONMENTAL SPECIFICATIONS

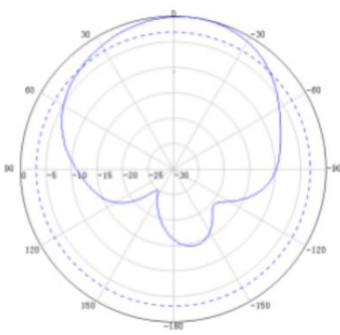
PD617-6000M443

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

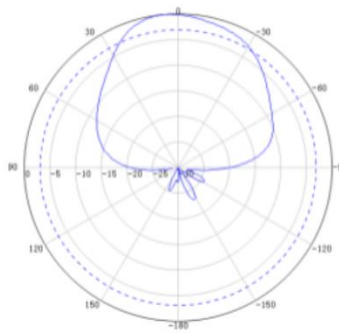
Radiation Pattern –Vertical and Horizontal Plane

PD617-6000M443

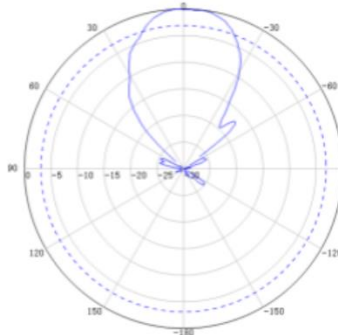
Vertical



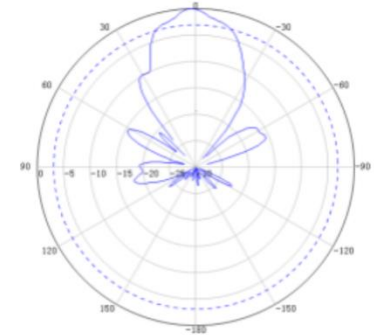
800MHz



1800MHz

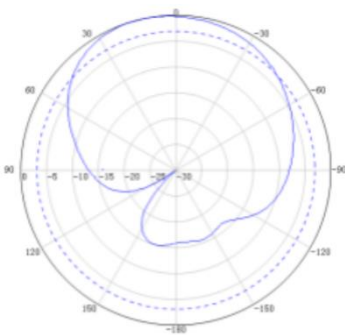


3500MHz

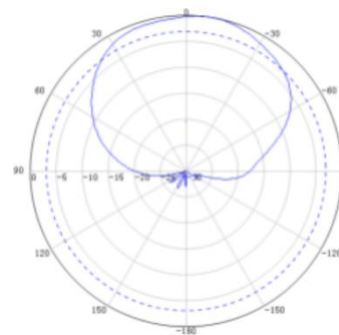


5300MHz

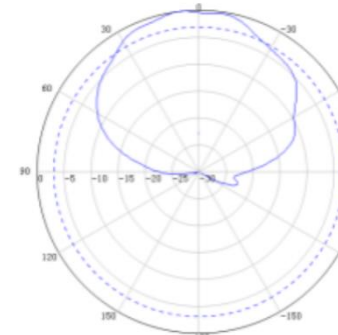
Horizontal



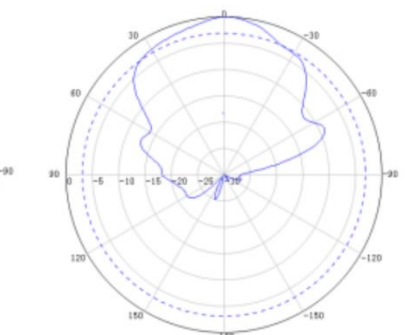
800MHz



1800MHz



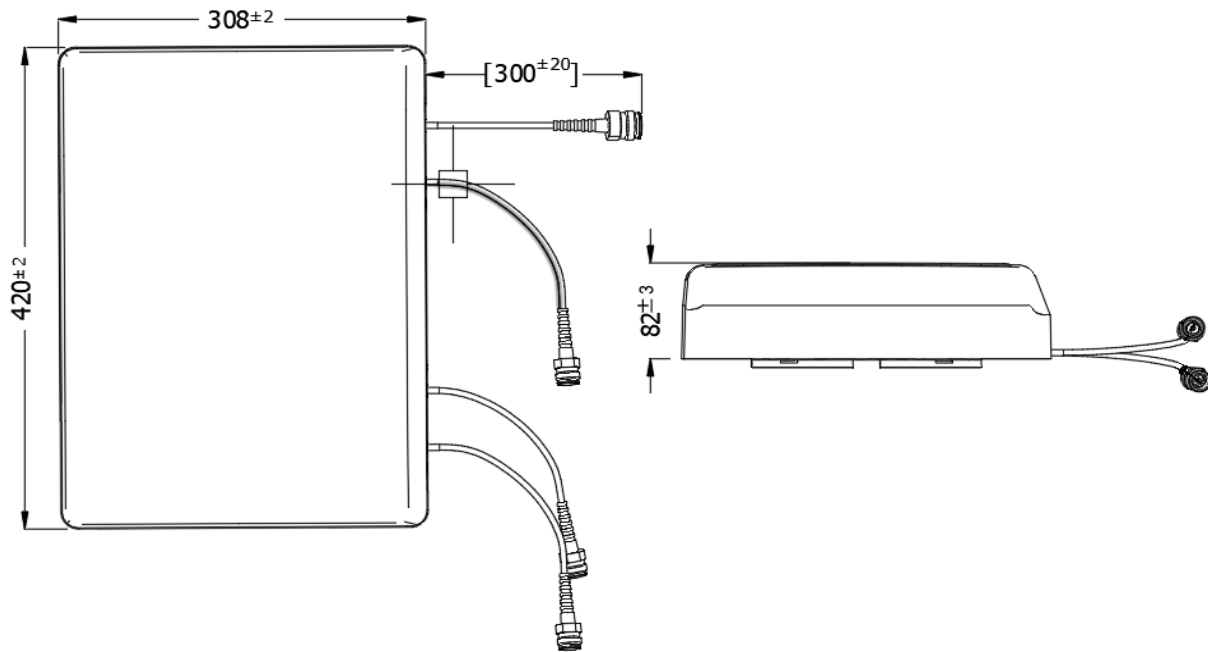
3500MHz



5300MHz

Mechanical Drawing

PD617-6000M443



Test Setup – Port naming

General / Chamber Setup



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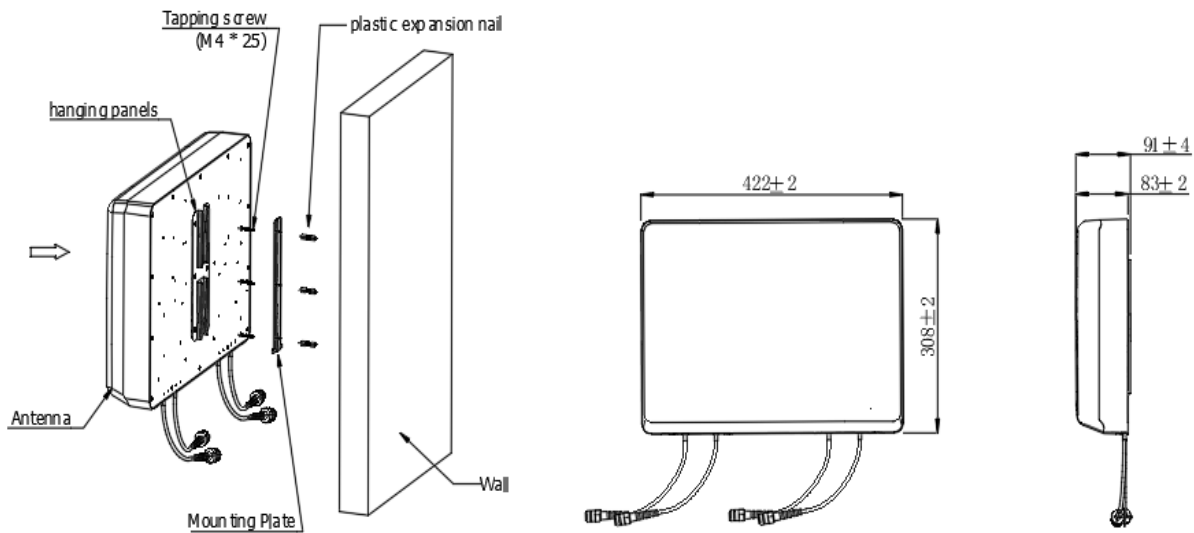
PACKAGING

PD617-6000M443

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

Installation instructions

PD617-6000M443



- 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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