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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	deg		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

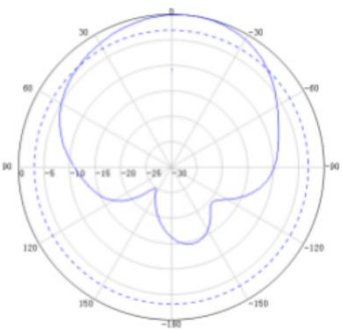
Operating Temperature	Storage Temperature	RoHS Compliant	Ingress Protection	Warranty
-55 / +60° C	-55 / +60° C	Yes	IP50	2 years

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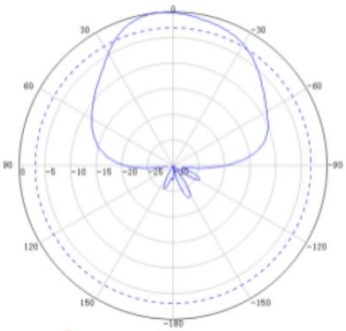
Radiation Pattern –Vertical and Horizontal Plane

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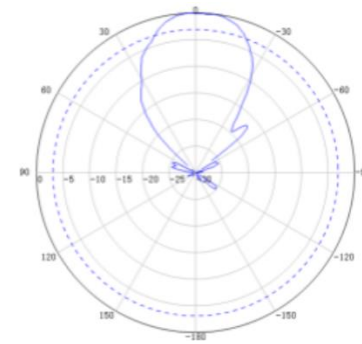
Vertical



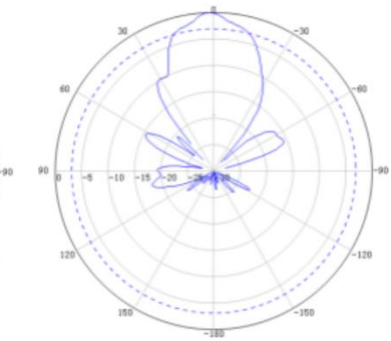
800MHz



1800MHz

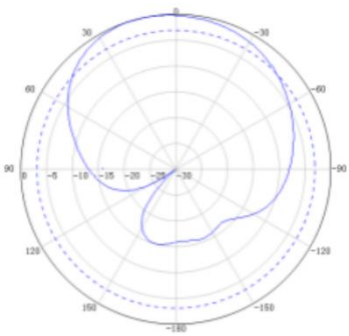


3500MHz

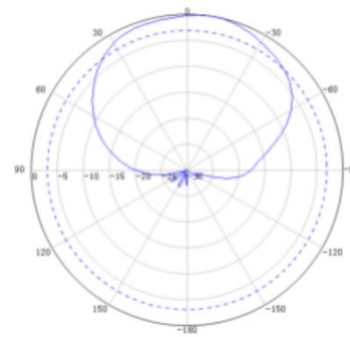


5300MHz

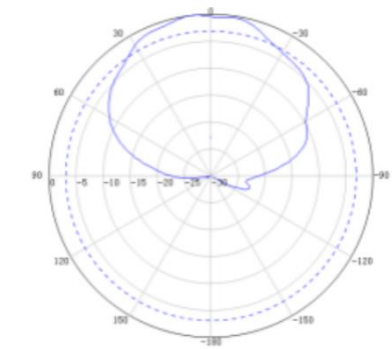
Horizontal



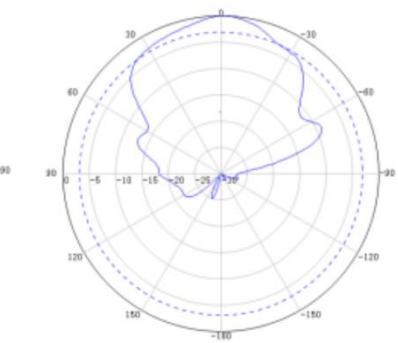
800MHz



1800MHz



3500MHz

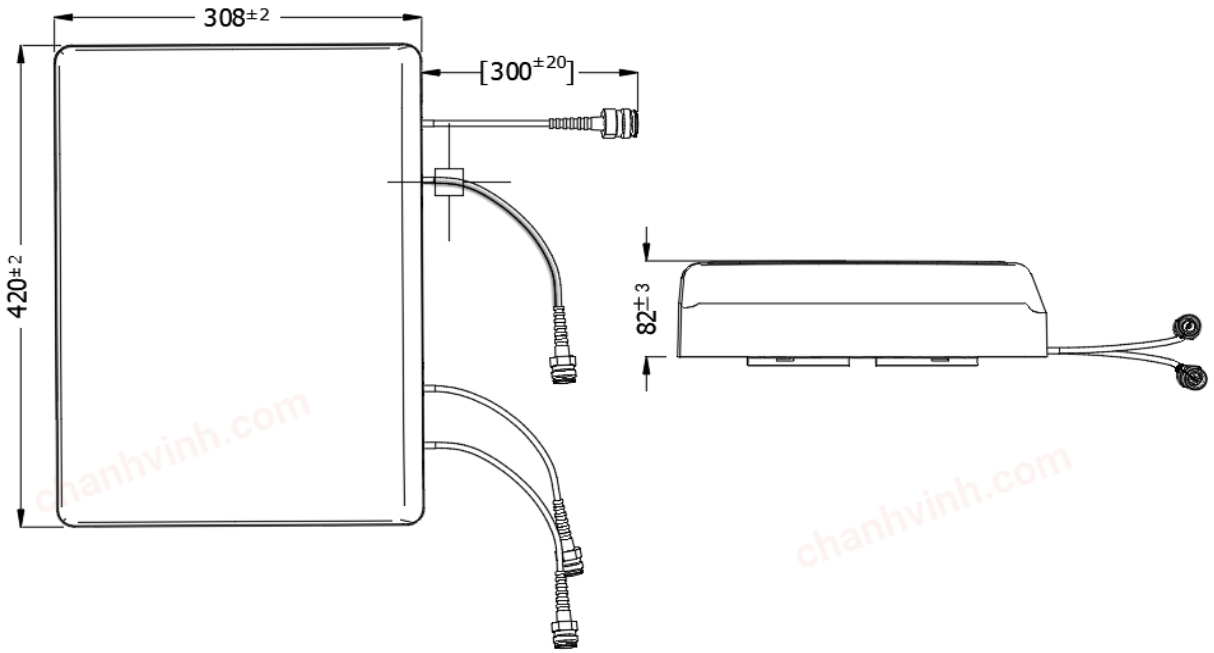


5300MHz

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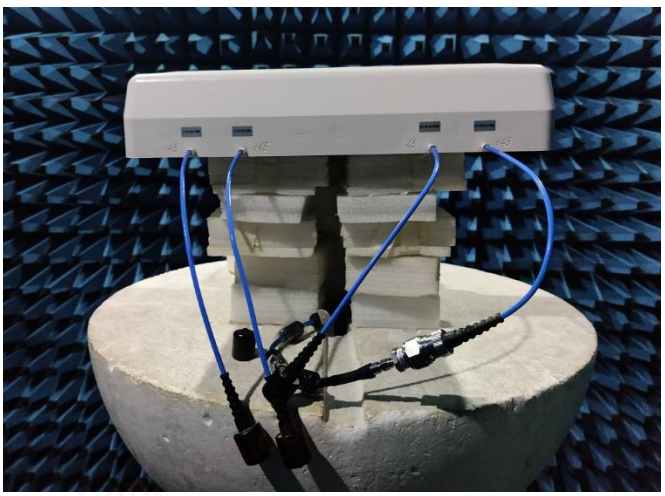
Mechanical Drawing

PD617-6000M443



Test Setup – Port naming

General / Chamber Setup





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PACKAGING

PD617-6000M443

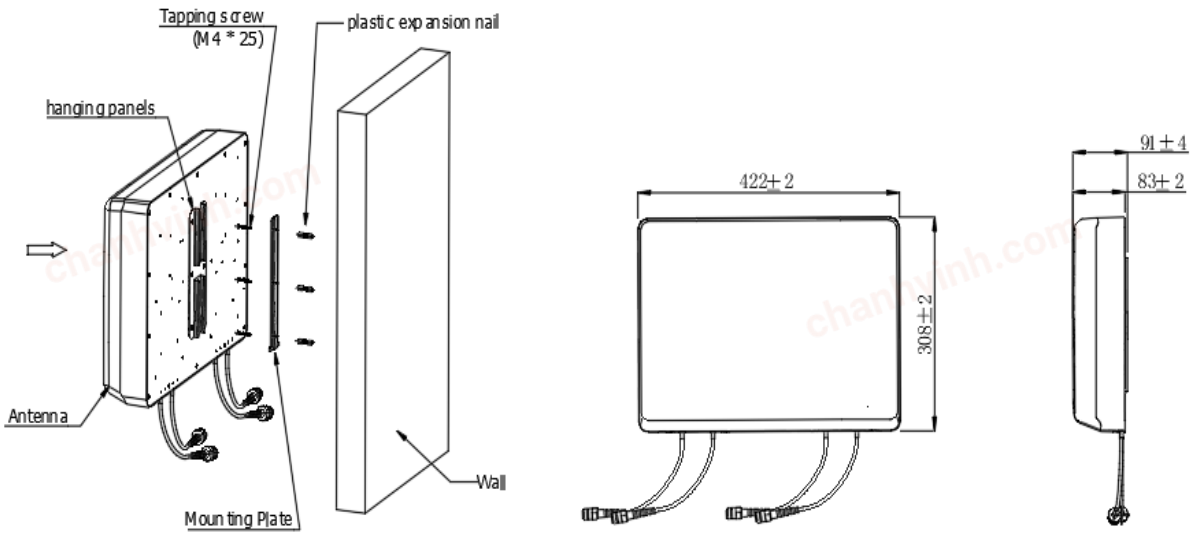
1.Inner box: 475*415*155mm;

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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