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Directional DAS Series
2xMiMo 4G/5G Antenna

Part number: PD617-6000M243

Pulse
a YAGEO company



Features & Applications:

- *4G / 5G-FR1 617-6000MHz*
- *2-Port MiMo*
- *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: PD617-6000M2NF*

ELECTRICAL SPECIFICATIONS

PD617-6000M243

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

PD617-6000M243

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	4.3-10-Female

ENVIRONMENTAL SPECIFICATIONS

PD617-6000M243

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

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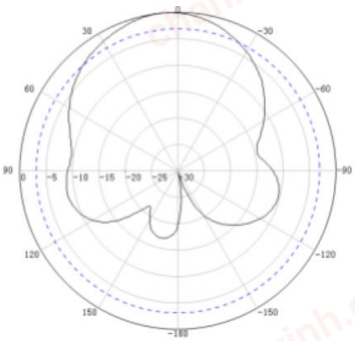
Part number: PD617-6000M243

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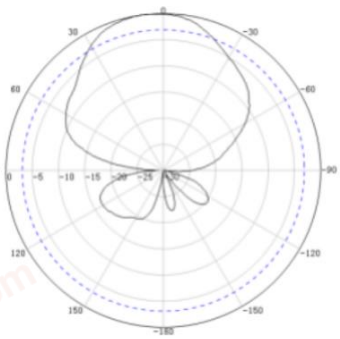
Radiation Pattern –Vertical and Horizontal Plane

PD617-6000M243

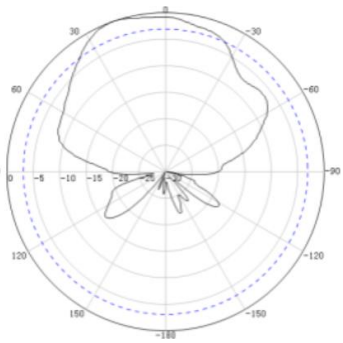
Vertical



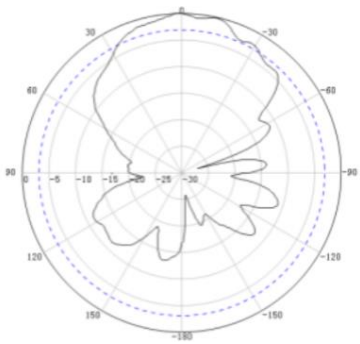
806MHz



1920MHz

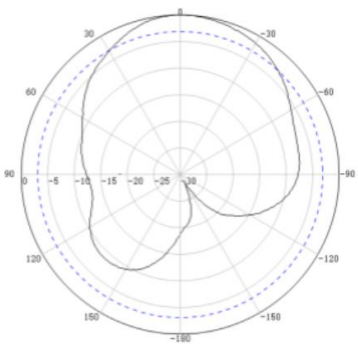


3500MHz

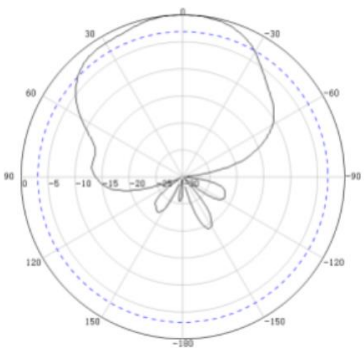


5450MHz

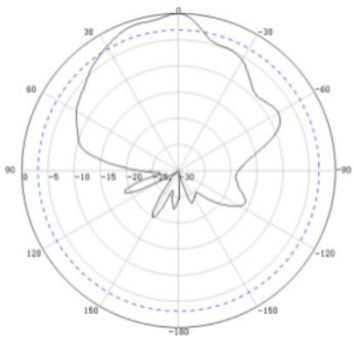
Horizontal



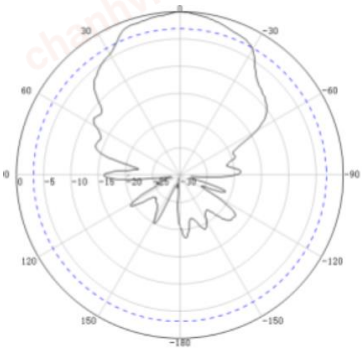
806MHz



1920MHz



3500MHz

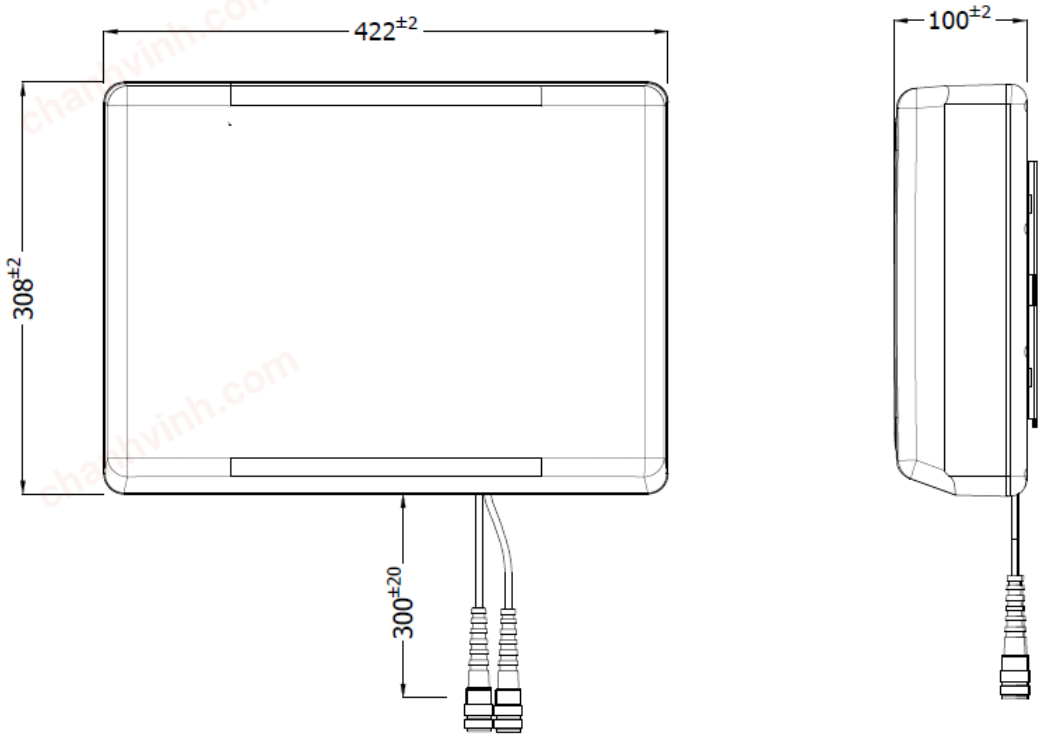


5450MHz

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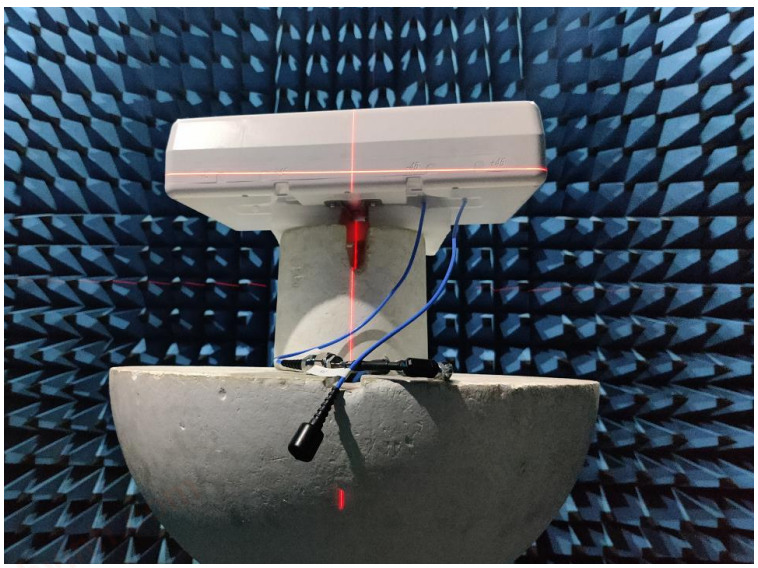
Mechanical Drawing

PD617-6000M243



Test Setup

General / Chamber Setup



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PACKAGING

PD617-6000M243

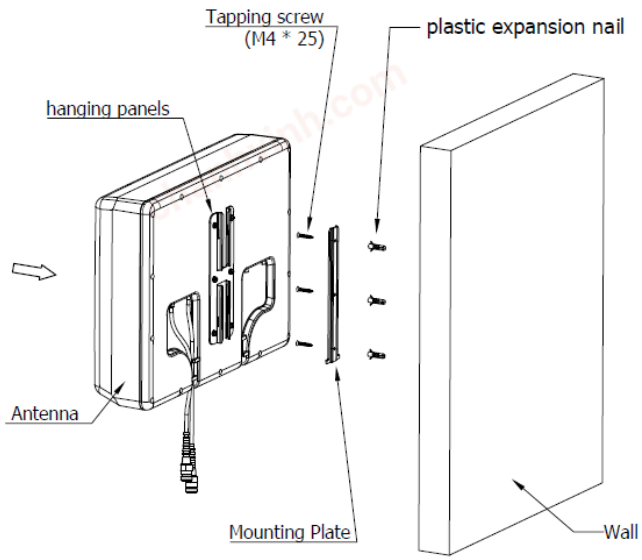
1.Inner box: 475*415*155mm;

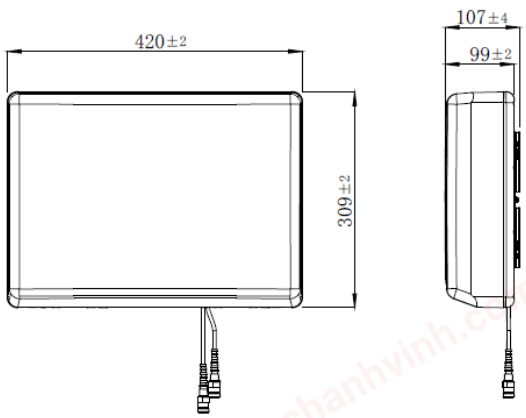
2.Outer box size: 815*485*450mm;

3. 5Pcs/Carton;

Installation instructions

PD617-6000M243





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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