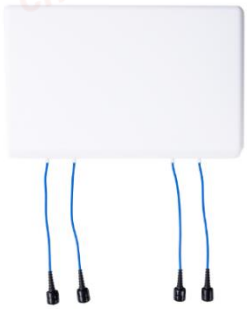
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Directional DAS Series
4-port 4xMiMo 4G/5G Antenna

PD617-3800M4NF



Features & Applications:

- *4G / 5G-FR1 617-3800MHz*
- *4-Port MiMo*
- *In-building wall mount, bracket included*
- *Directional radiation pattern*
- *Low PIM and SAR compliant*
- *Connector N-Female as standard*
- *For 4.3-10 Female version use P/N: PD617-3800M443*

ELECTRICAL SPECIFICATIONS

PD617-3800M4NF

Frequency range		MHz	617-697	698-960	1710-2700	3300-3800
Gain		dBi	6.0±1	7.0±1	8.0±1	8.0±1
Polarization			+/-45deg slant			
Beam width	Horizontal	deg	80	90	70	60
	Vertical		80	80	60	40
VSWR			≤2.0	≤2.0	≤1.8	≤1.8
Front-to-back ratio		dB	15	20	25	25
Isolation		dB	>15	>20	>20	>20
PIM,3rd order,2x20W		dBc	≤-150			
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

PD617-3800M4NF

Dimension (W x L x H)	Housing Material	Color	Weight with mounting kit	Mounting Kit	
410 x 305 x 84 mm (16.14 x 12.01 x 3.31 inch)	ABS, UV Protected	White RAL9003	1 kg (2.2 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	NF

ENVIRONMENTAL SPECIFICATIONS

PD617-3800M4NF

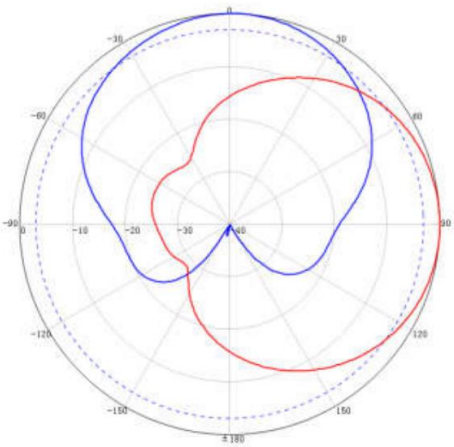
Operating Temperature	Storage Temperature	RoHS Compliant	Ingress Protection	Warranty
-40 / +60° C	-40 / +60° C	Yes	IP50	2 years

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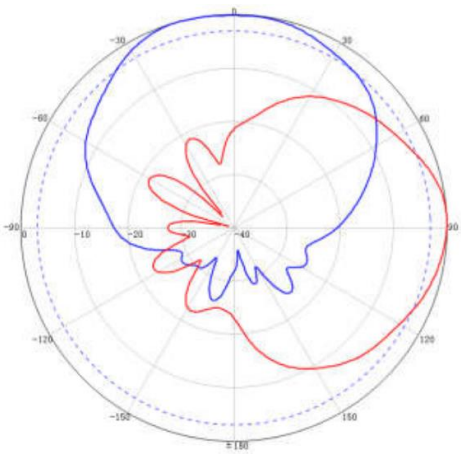
Radiation Pattern –Vertical and Horizontal Plane

PD617-3800M4NF

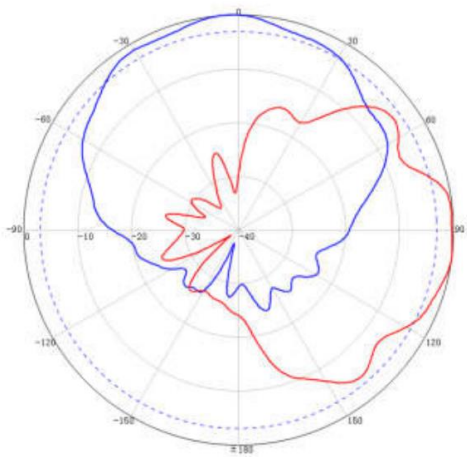
Vertical and Horizontal planes



617-960MHz



1710-2700MHz

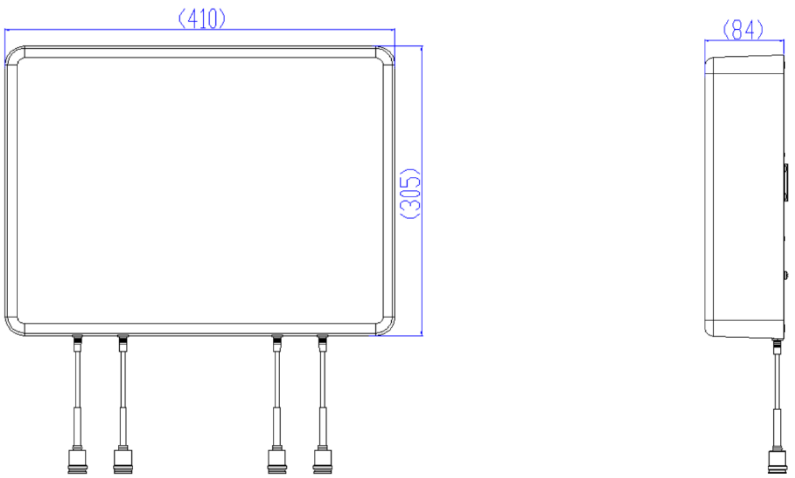


3300-3800MHz

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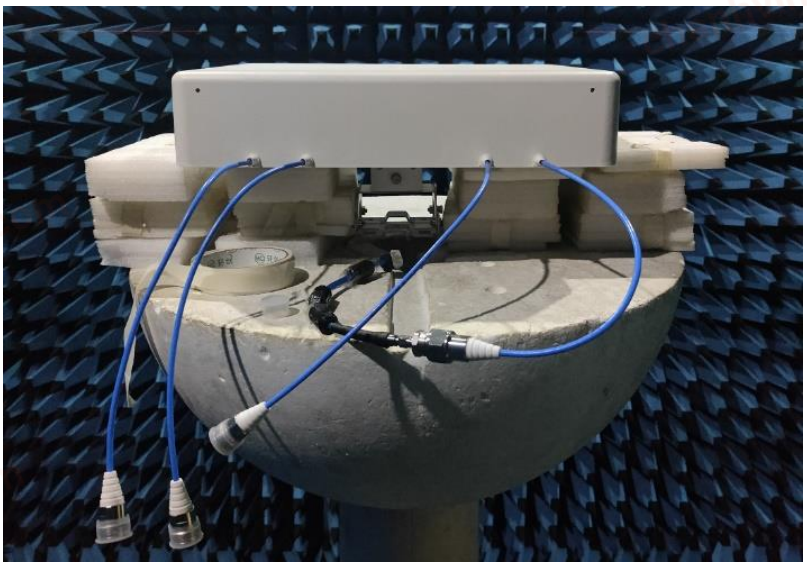
Mechanical Drawing

PD617-3800M4NF



Test Setup

General / Chamber Setup



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PACKAGING

PD617-3800M4NF

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

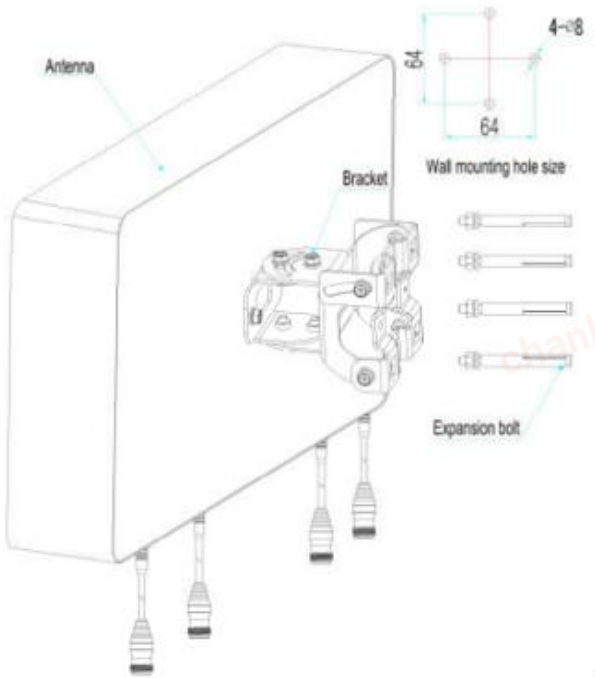
2.Outer box size: 815*485*450mm;

3. 5Pcs/Carton;

Installation instructions

PD617-3800M4NF

Wall Installation



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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