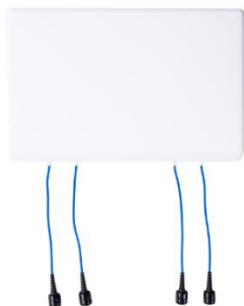


# Directional DAS Series

## 4-port 4xMiMo 4G/5G Antenna

PD617-3800M443



### 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 4.3-10-Female as standard
- For N-Female connector use P/N: PD617-3800M4NF

### ELECTRICAL SPECIFICATIONS

#### PD617-3800M443

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

#### PD617-3800M443

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		4.3-10-Female	

### ENVIRONMENTAL SPECIFICATIONS

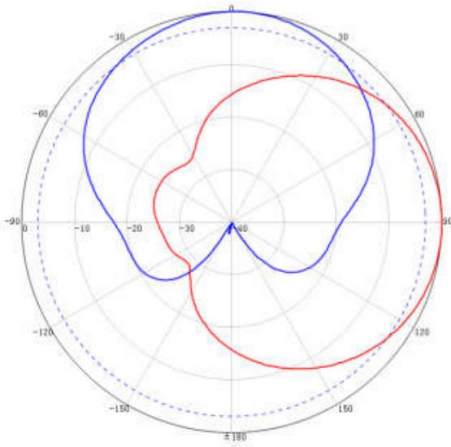
#### PD617-3800M443

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

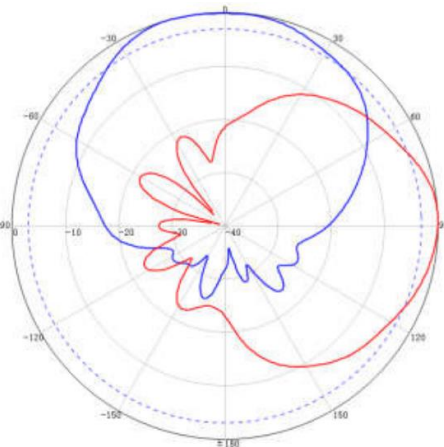
## Radiation Pattern –Vertical and Horizontal Plane

PD617-3800M443

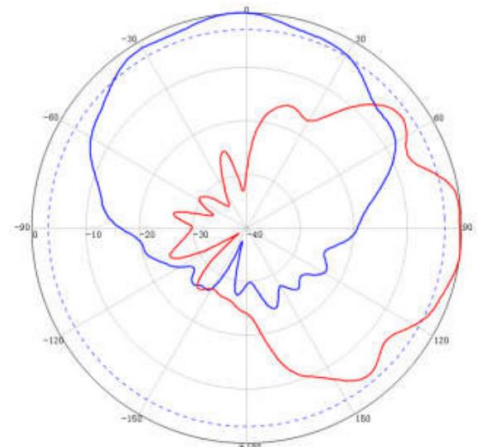
### Vertical and Horizontal planes



617-960MHz



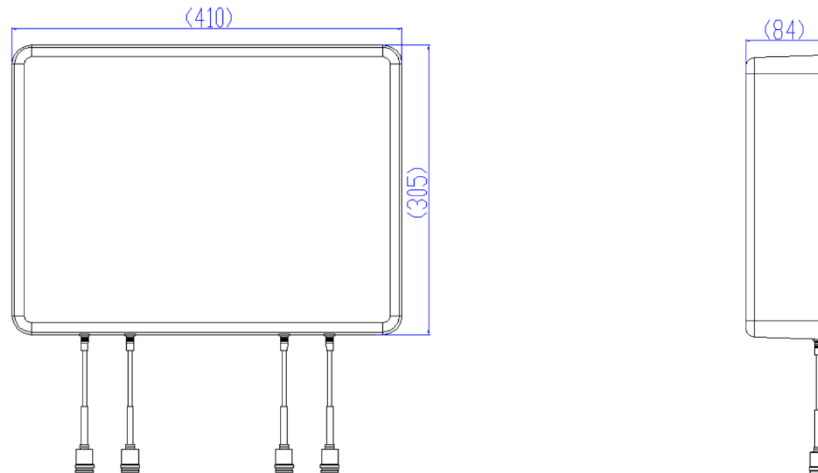
1710-2700MHz



3300-3800MHz

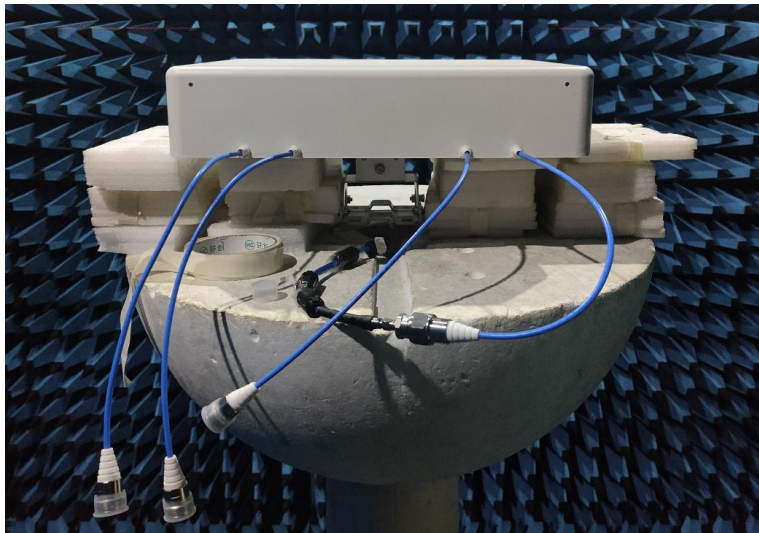
## Mechanical Drawing

PD617-3800M443



## Test Setup

General / Chamber Setup



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

PD617-3800M443

## PACKAGING

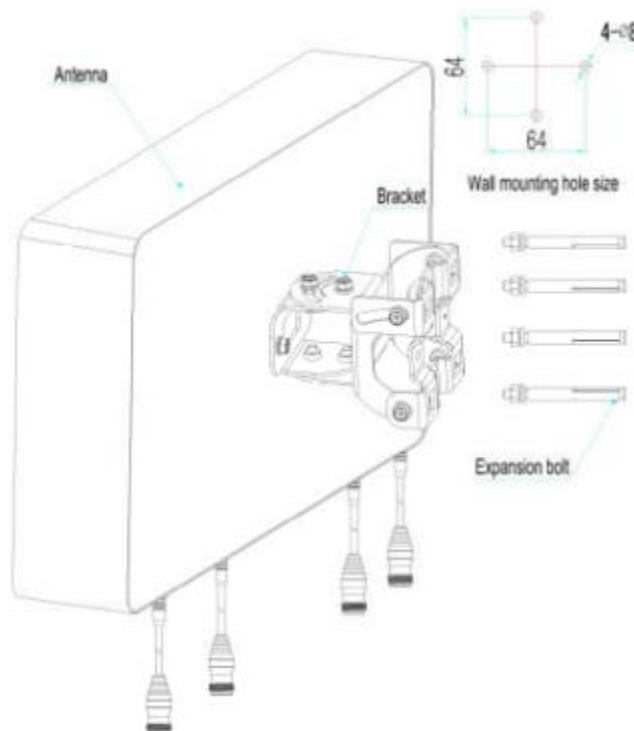
### PD617-3800M443

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

## Installation instructions

### PD617-3800M443

### 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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