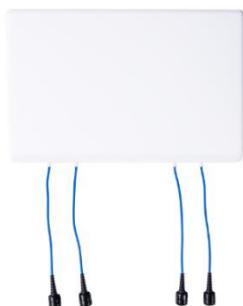


Directional DAS Series
4-port 4xMiMo 4G/5G Antenna
PD617-3800M4NF



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

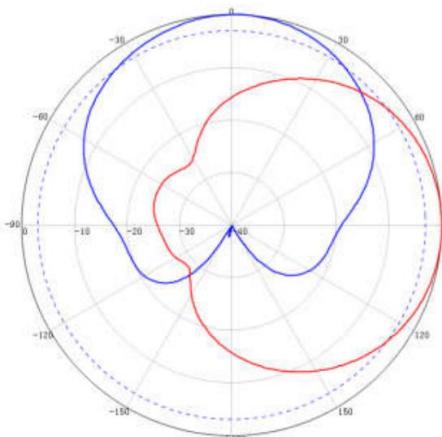
Directional DAS Series
4-port 4xMiMo 4G/5G Antenna
PD617-3800M4NF



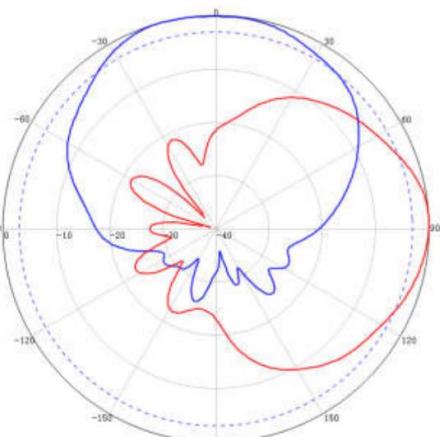
Radiation Pattern –Vertical and Horizontal Plane

PD617-3800M4NF

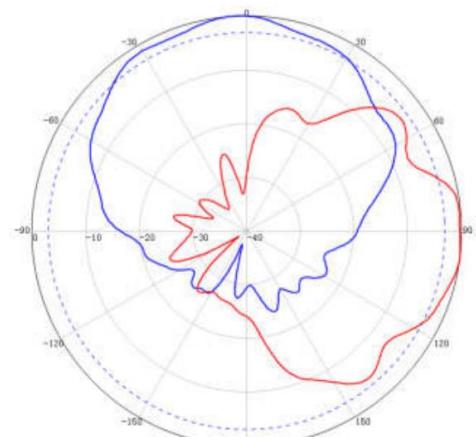
Vertical and Horizontal planes



617-960MHz



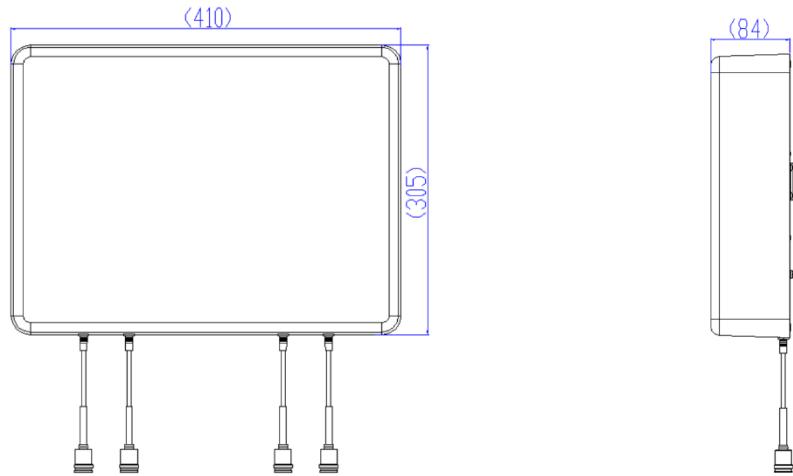
1710-2700MHz



3300-3800MHz

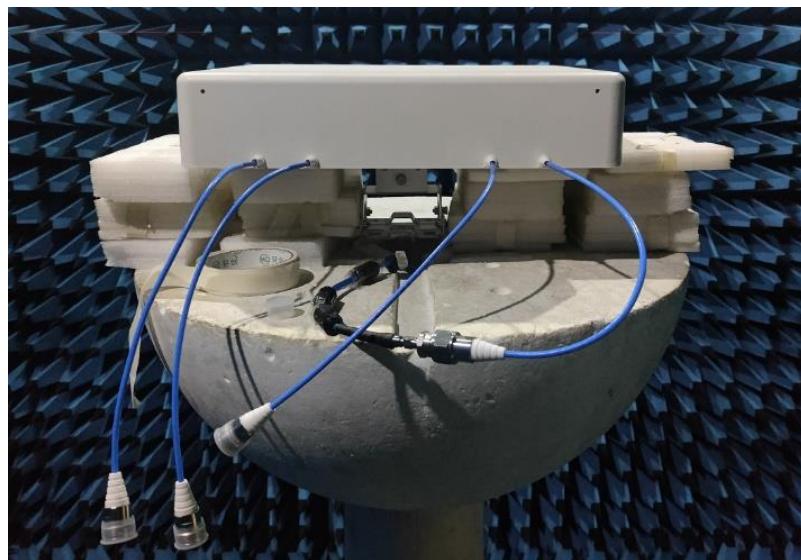
Mechanical Drawing

PD617-3800M4NF



Test Setup

General / Chamber Setup



PACKAGING

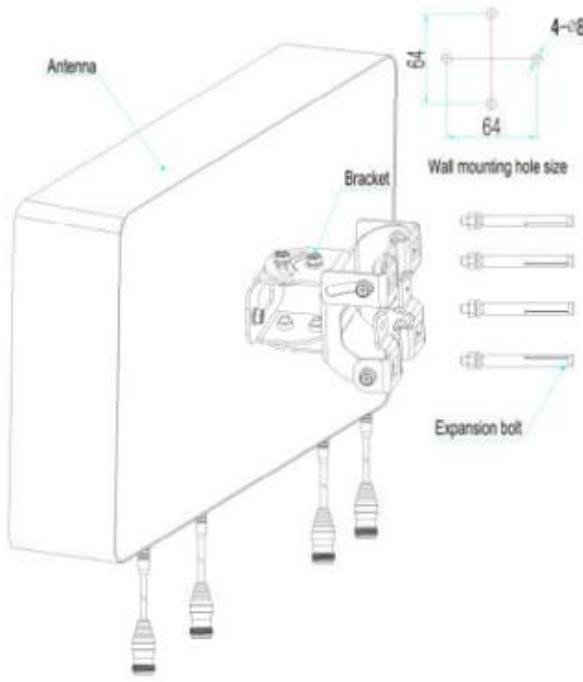
PD617-3800M4NF

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:

Americas - antennas.us@pulseelectronics.com | Europe - antennas.eu@pulseelectronics.com | Asia - antennas.as@pulseelectronics.com | Questions? +1-800-ANTENNA
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