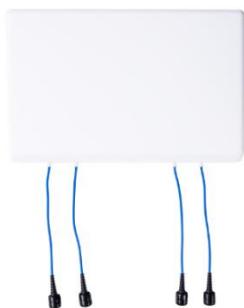


Directional DAS Series

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 |
| | Vertical | | 80 | 80 | 60 |
| 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

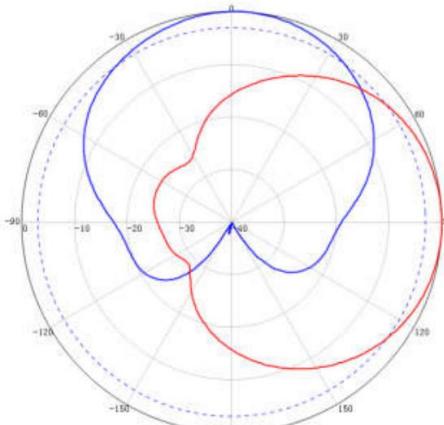
PD617-3800M443

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

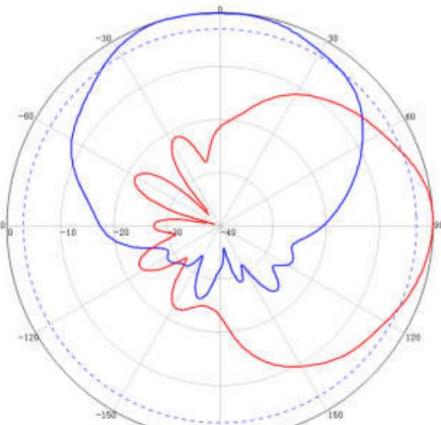
Radiation Pattern –Vertical and Horizontal Plane

PD617-3800M443

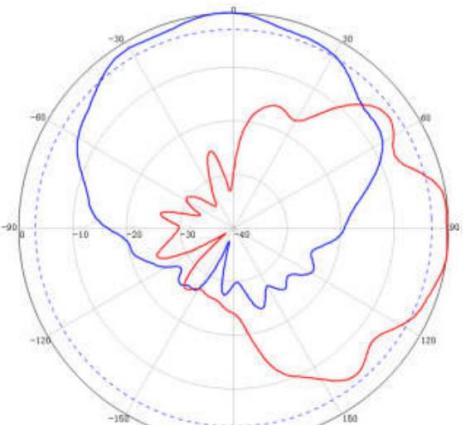
Vertical and Horizontal planes



617-960MHz



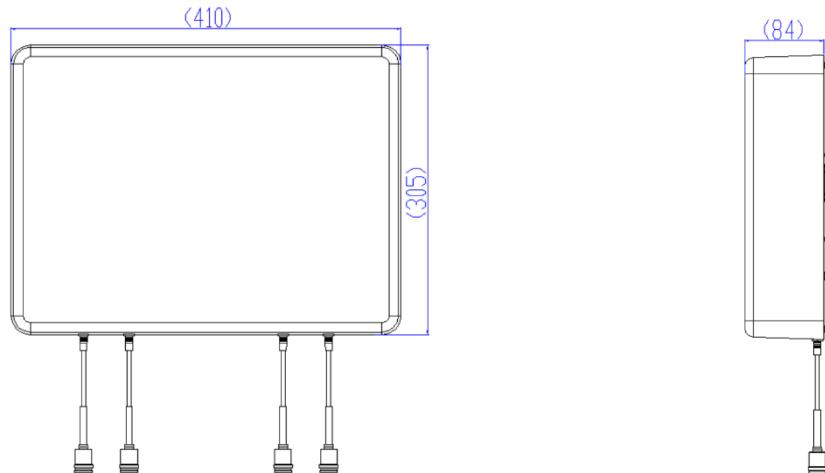
1710-2700MHz



3300-3800MHz

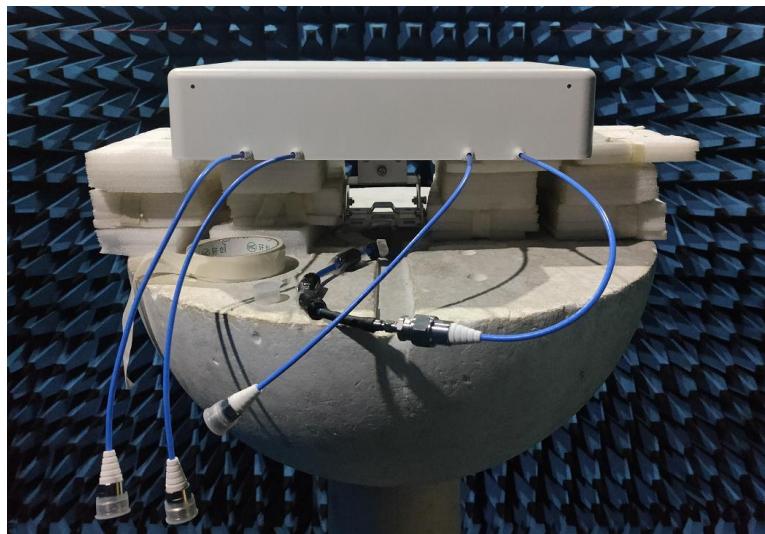
Mechanical Drawing

PD617-3800M443



Test Setup

General / Chamber Setup



PACKAGING

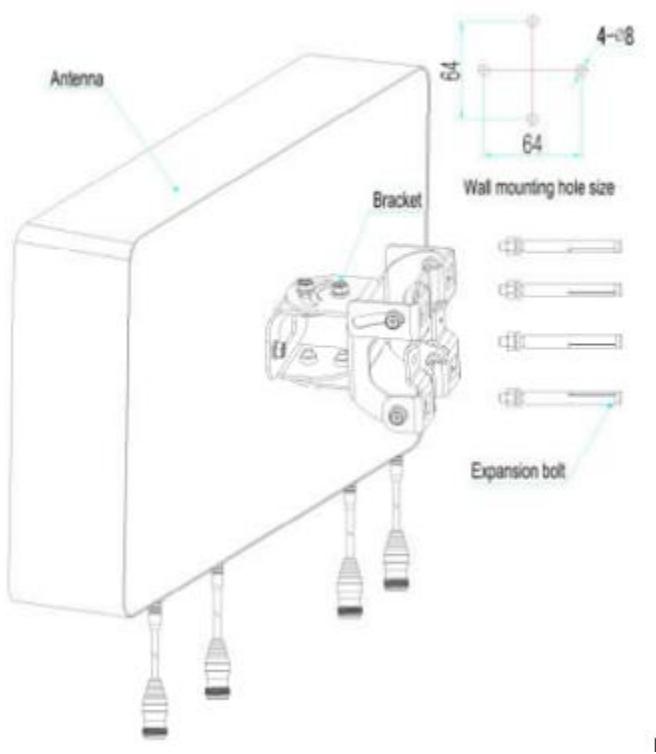
PD617-3800M443

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:

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