

Directional DAS Series SISO 4G/5G Antenna

PD617-4200S143



Features & Applications:

- 4G / 5G-FR1 617-4200MHz
- 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: PD617-4200S1NF

ELECTRICAL SPECIFICATIONS

PD617-4200S143

Frequency range	MHz	617-824	824-960	1350-1550	1710-3800	3800-4200
Gain	dBi	6.0±1	6.0±1	8.0±1	9.0±1	9.0±1
Polarization		Vertical				
Beam width	Horizontal	deg	90	90	75	75
	Vertical		75	75	60	55
VSWR			≤2.0	≤1.7	≤1.7	≤1.8
Front-to-back ratio	dB		≥15	≥15	≥15	≥15
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

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Dimension (W x L x H)		Housing Material	Color	Weight	Mounting Kit	
180 x 158 x 61 mm (7.08 x 6.22 x 2.40 inch)		ABS, UV Protected	White RAL9003	0.35kg (0.772lbs)	Wall mount (standard)	
Wireless Technology	No. of Port	Cable Length	Cable Type		Connector Type	
4G,5G FR1	1	1Ft (0.3m)	SFF-50-3		4.3-10-Female	

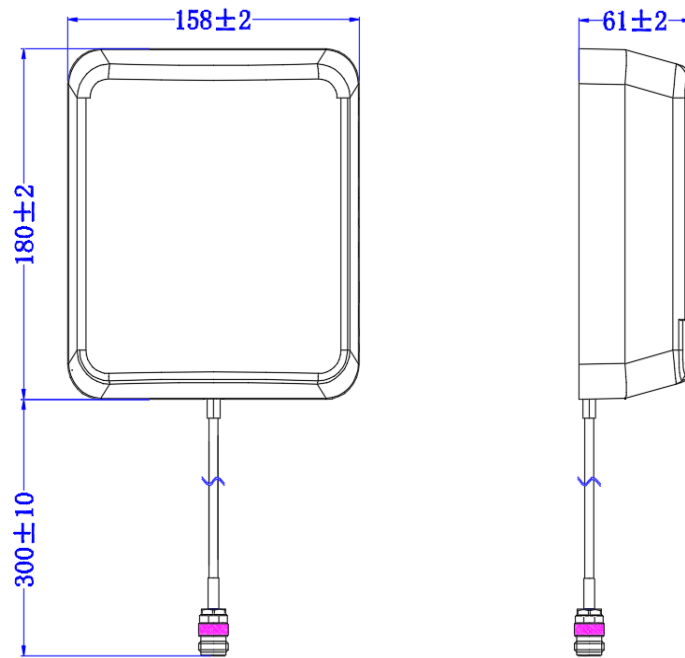
ENVIRONMENTAL SPECIFICATIONS

PD617-4200S143

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

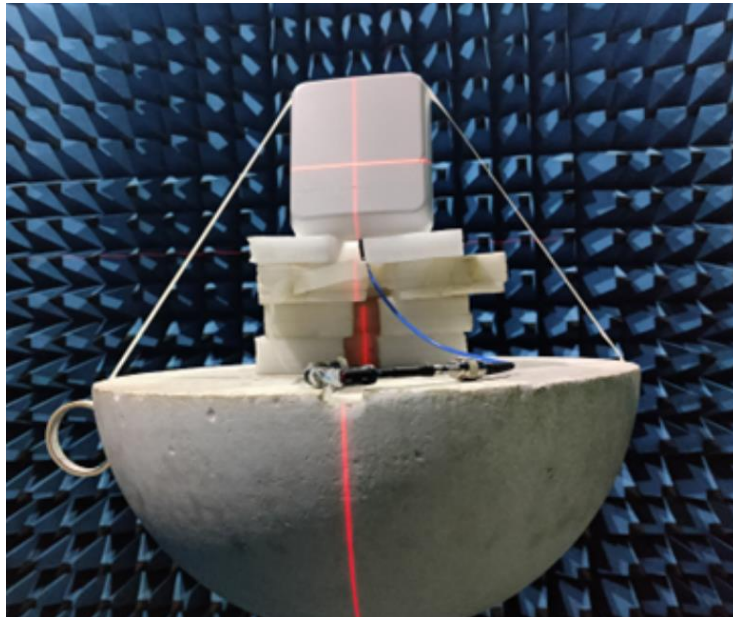
Mechanical Drawing

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Test Setup

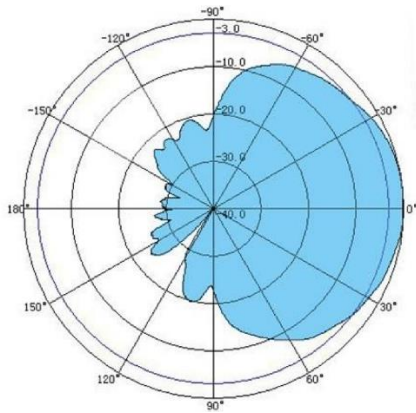
General / Chamber Setup



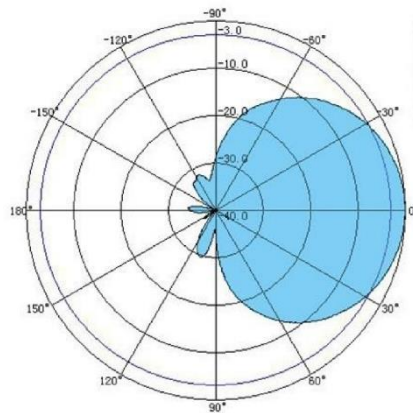
Radiation Pattern –Vertical and Horizontal Plane

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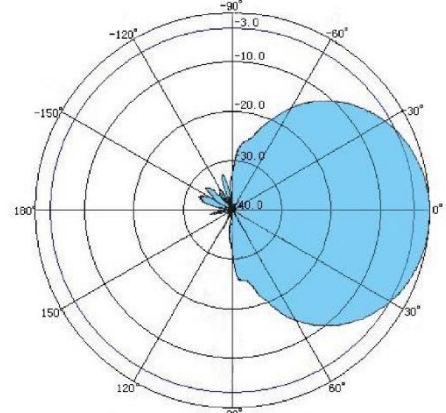
Vertical



698-960MHz

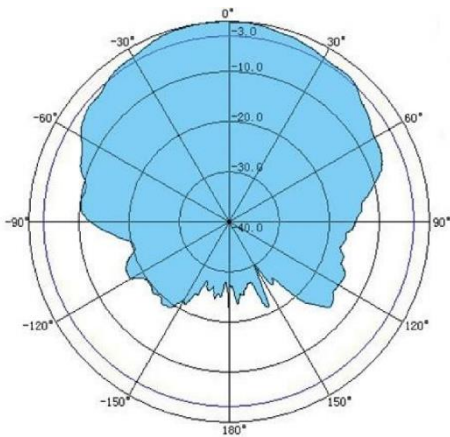


1350-1550MHz

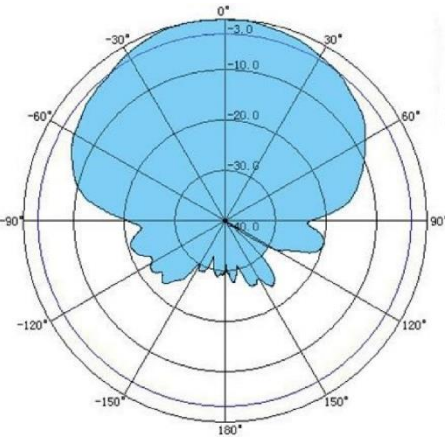


1710-4200MHz

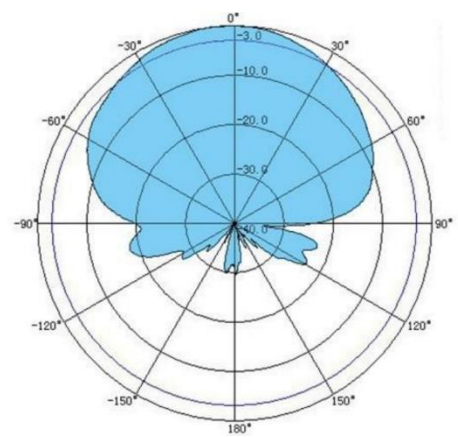
Horizontal



698-960MHz



1350-1550MHz



1710-4200MHz

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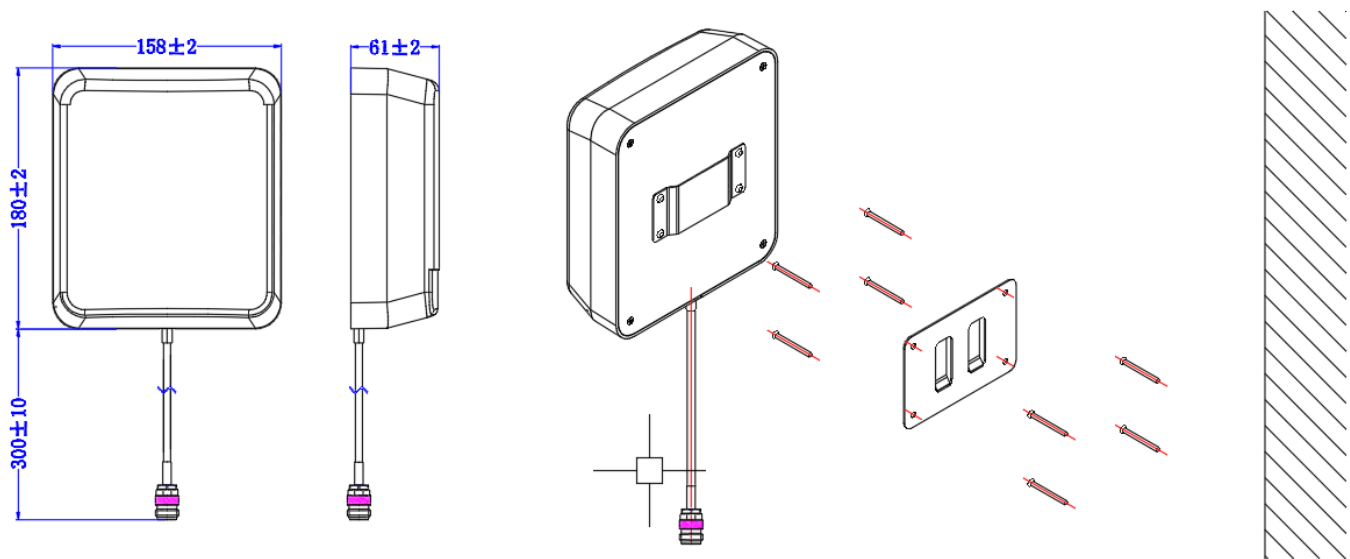
PACKAGING

PD617-4200S143

1. Inner box: 250*190*75mm;
2. Outer box size: 430*400*270mm;
3. 10Pcs/Carton;

Installation instructions

PD617-4200S143



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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