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Directional DAS Series
SISO 4G/5G Antenna

PD617-4200S143

Pulse
a YAGEO company



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	75
	Vertical		75	75	60	55	55
VSWR			≤2.0	≤1.7	≤1.7	≤1.8	≤1.8
Front-to-back ratio		dB	≥15	≥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

PD617-4200S143

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

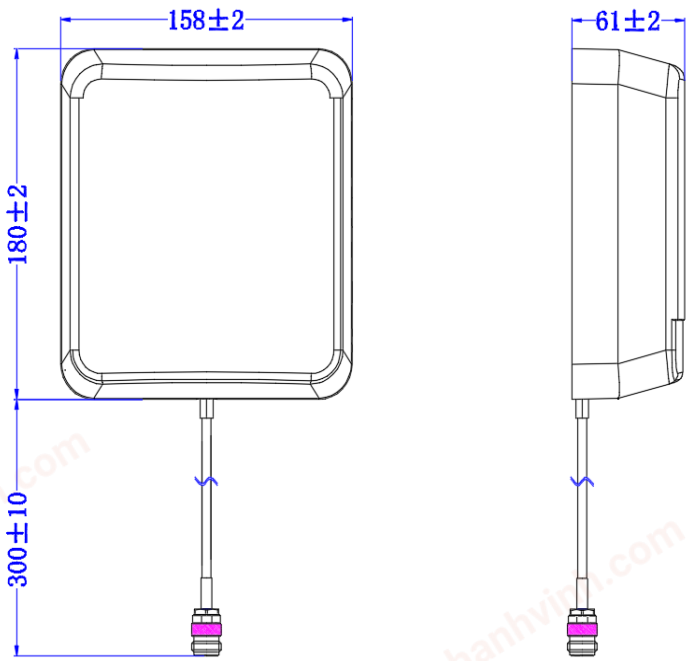
PD617-4200S143

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

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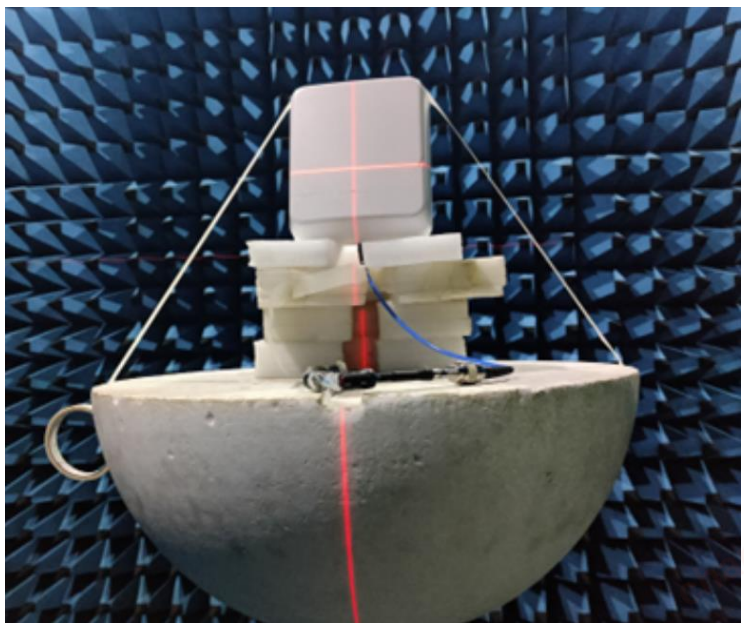
Mechanical Drawing

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Test Setup

General / Chamber Setup

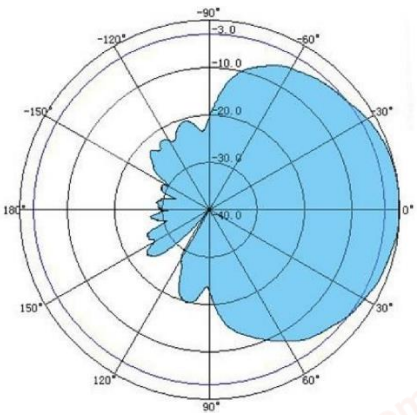


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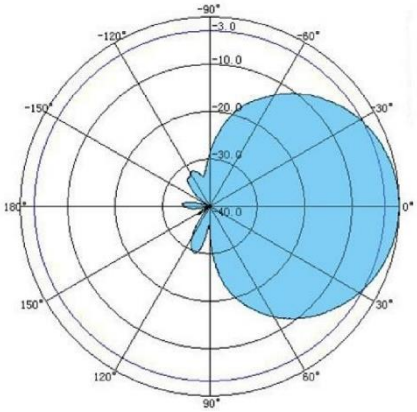
Radiation Pattern –Vertical and Horizontal Plane

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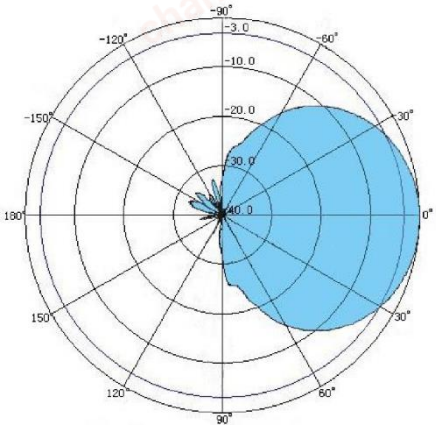
Vertical



698-960MHz

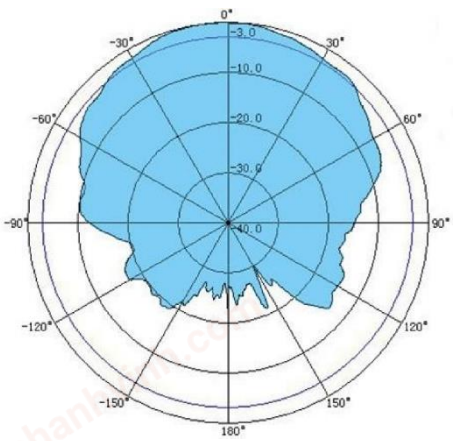


1350-1550MHz

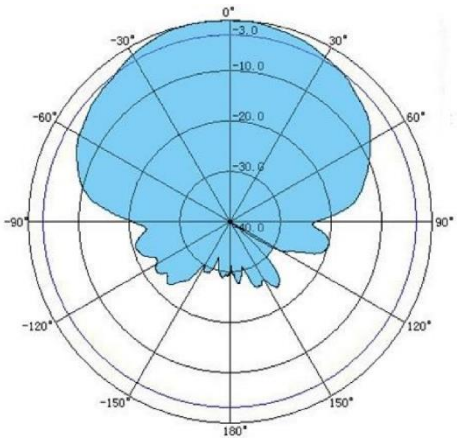


1710-4200MHz

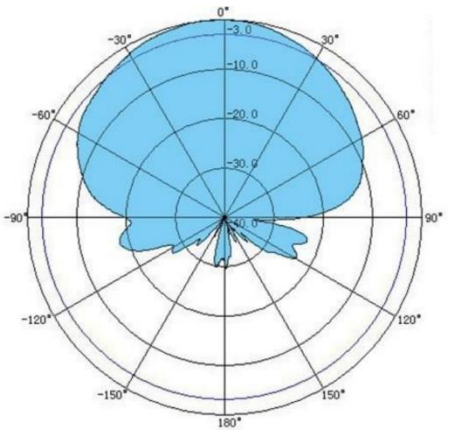
Horizontal



698-960MHz



1350-1550MHz



1710-4200MHz

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PACKAGING

PD617-4200S143

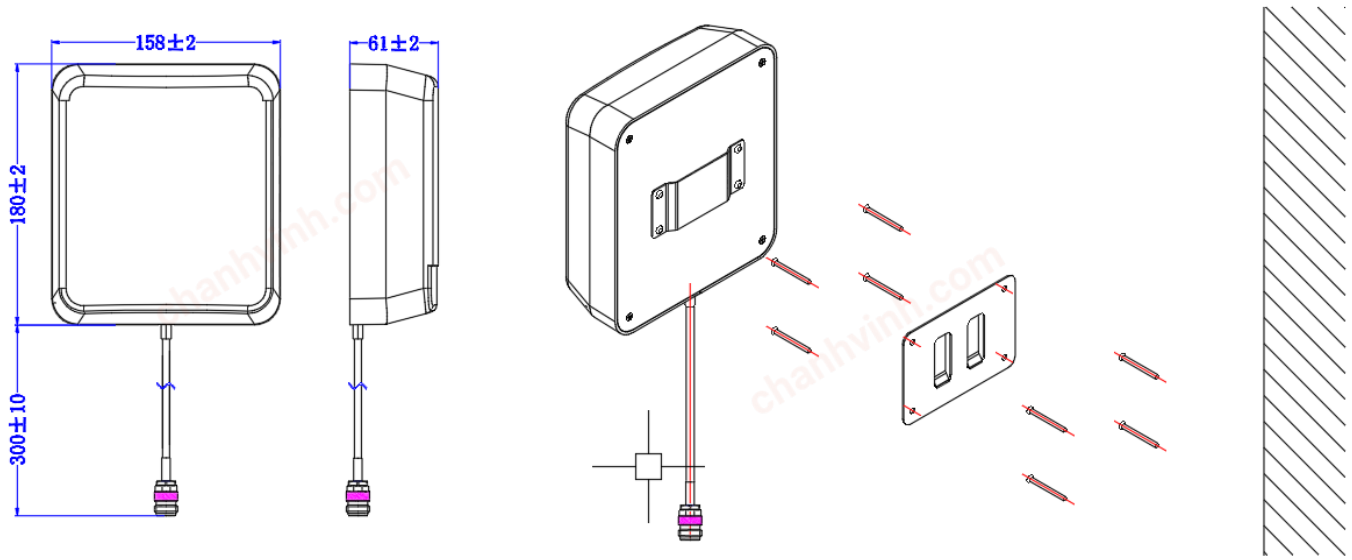
1.Inner box: 250*190*75mm;

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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