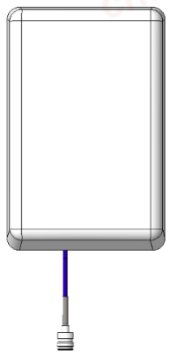
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Directional DAS Series
SISO 4G/5G+UHF Antenna

PD380-4000S1NF



Features & Applications:

- *Includes public safety, PMR, TETRA band 380-520MHz*
- *4G / 5G-FR1 698-4000MHz*
- *In-building wall mount*
- *Directional radiation pattern*
- *Low PIM and SAR compliant*
- *Connector N-Female as standard*
- *For 4.3-10 Female version use P/N: PD380-4000S143*

ELECTRICAL SPECIFICATIONS

PD380-4000S1NF

Frequency range		MHz	380-520	698-960	1710-2700	3400-4000
Gain		dBi	4.0±1	5.0±1	7.0±1	7.5±1
Polarization			Vertical			
Beam width	Horizontal	deg	150	90	75	55
	Vertical		50	65	65	30
VSWR			≤2.5	≤2.0	≤2.0	≤2.0
Front-to-back ratio		dB	>2	>4	>8	>10
PIM,3rd order,2x20W		dBc	-	≤-140		
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

PD380-4000S1NF

Dimension (W x L x H)	Housing Material	Color	Weight	Mounting Kit	
308 x 190 x 65 mm (12.13 x 7.48 x 2.56 inch)	ABS, UV Protected	White RAL9003	0.6kg (1.323lbs)	Wall mount (standard)	

Wireless Technology	No. of Port	Cable Length	Cable Type	Connector Type
4G,5G FR1, UHF	1	1.47Ft (0.45m)	Ø 0.160" low loss	NF

ENVIRONMENTAL SPECIFICATIONS

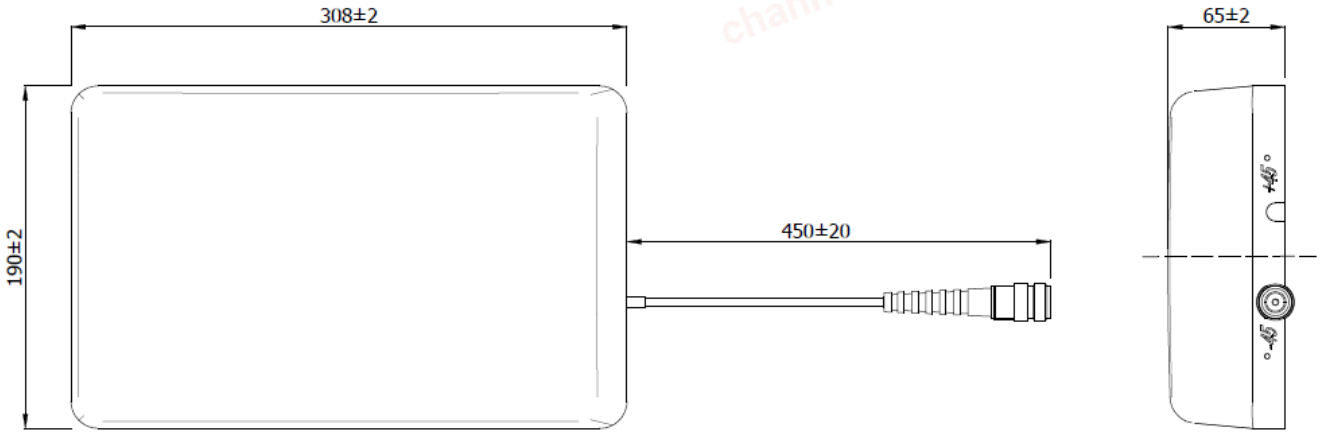
PD380-4000S1NF

Operating Temperature	Storage Temperature	RoHS Compliant	Ingress Protection	Warranty
-55 / +60° C	-55 / +60° C	Yes	IP50	2 years

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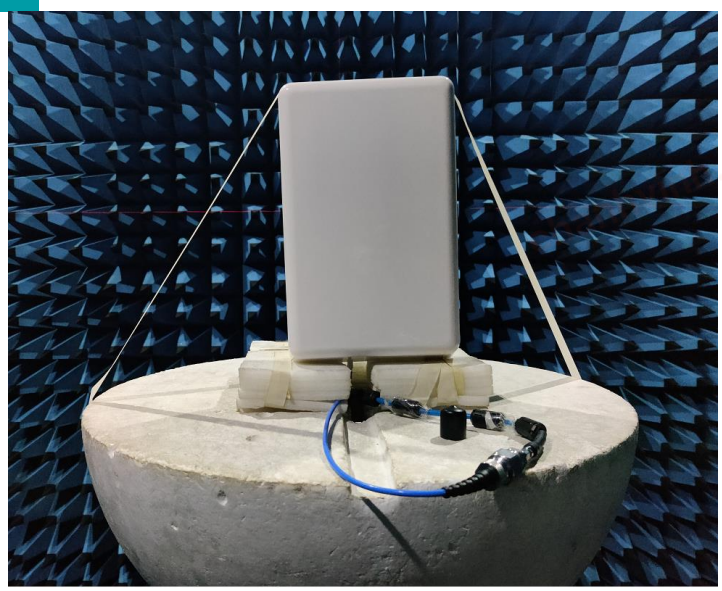
Mechanical Drawing

PD380-4000S1NF



Test Setup

General / Chamber Setup

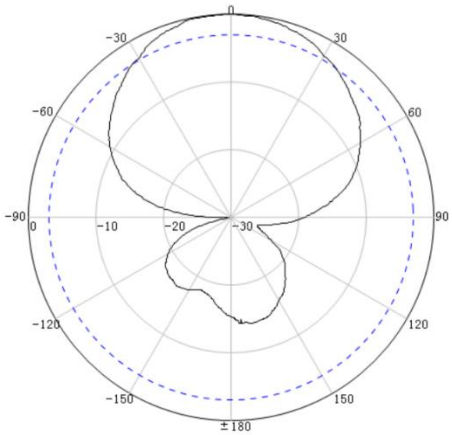


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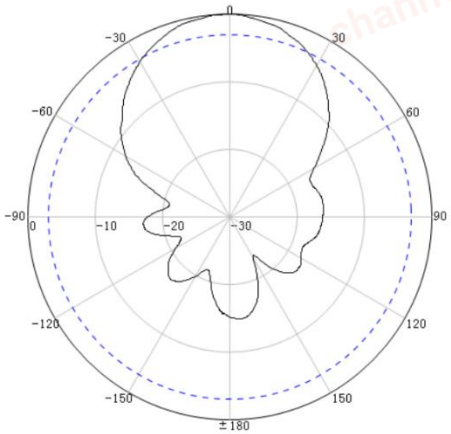
Radiation Pattern –Vertical and Horizontal Plane

PD380-4000S1NF

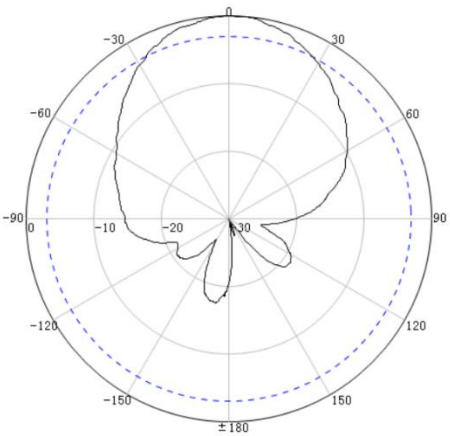
Vertical



900MHz

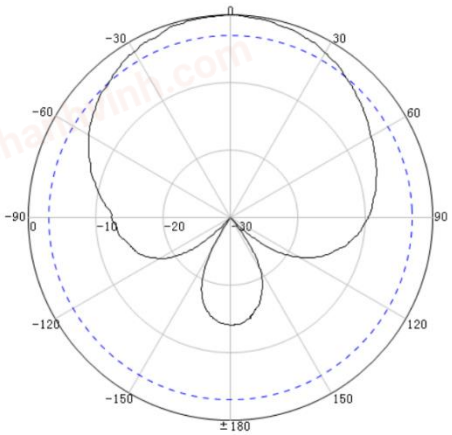


1710MHz

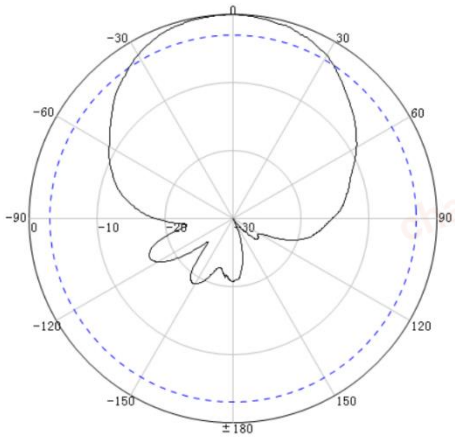


2500MHz

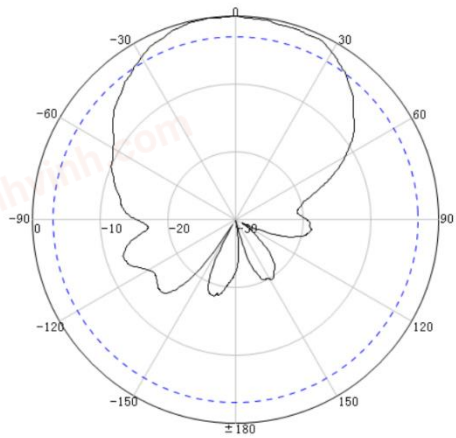
Horizontal



900MHz



1710MHz



2500MHz

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PACKAGING

PD380-4000S1NF

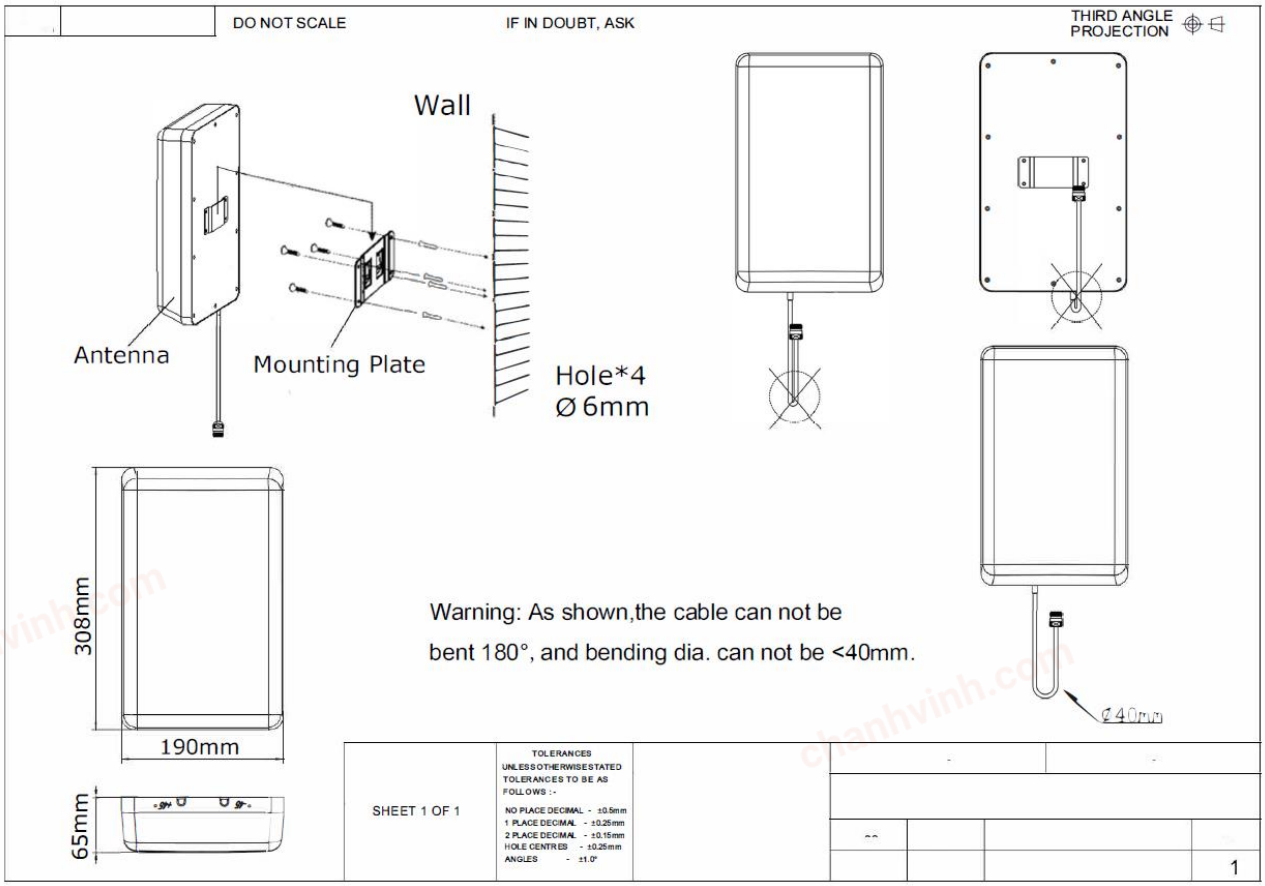
1.Inner box: 385*227*80mm;

2.Outer box size: 780*400*475mm;

3. 20Pcs/Carton;

Installation instructions

PD380-4000S1NF



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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