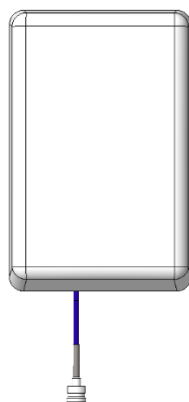


Directional DAS Series SISO 4G/5G+UHF Antenna

Part number: PD380-4000S143



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 4.3-10-Female as standard
- For N-Female connector use P/N: PD380-4000S1NF

ELECTRICAL SPECIFICATIONS

PD380-4000S143

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

PD380-4000S143

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	4.3-10-Female	

ENVIRONMENTAL SPECIFICATIONS

PD380-4000S143

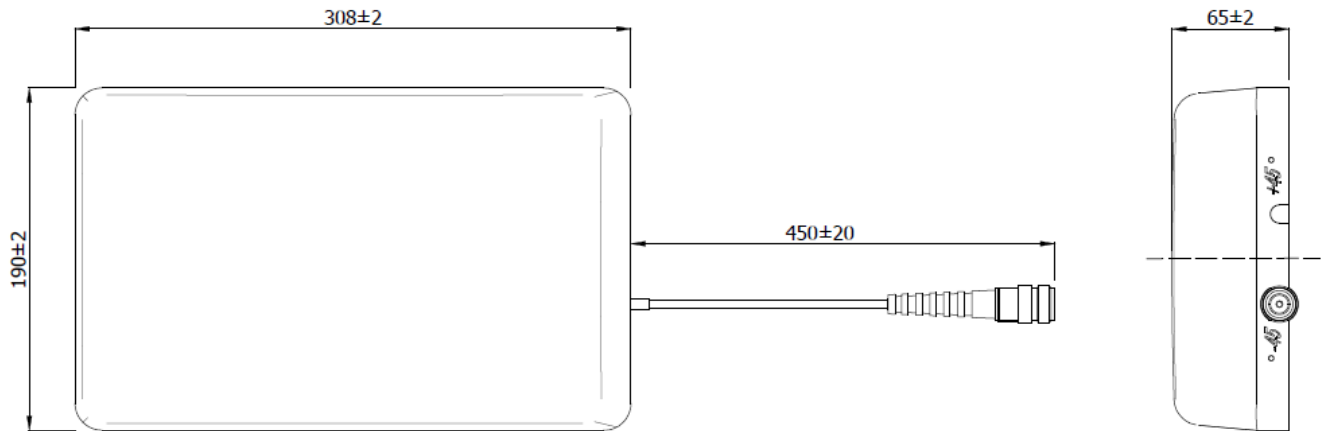
Operating Temperature	Storage Temperature	RoHS Compliant	Ingress Protection	Warranty
-55 / +60° C	-55 / +60° C	Yes	IP50	2 years

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

Part number: PD380-4000S143

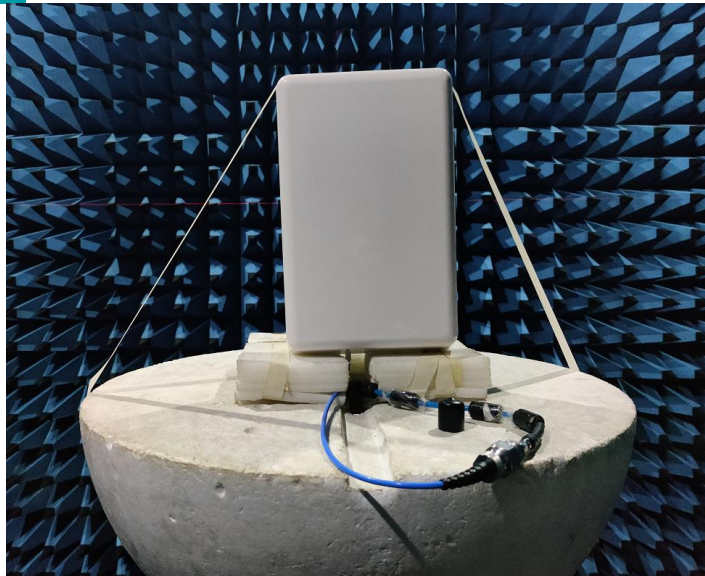
Mechanical Drawing

PD380-4000S143



Test Setup

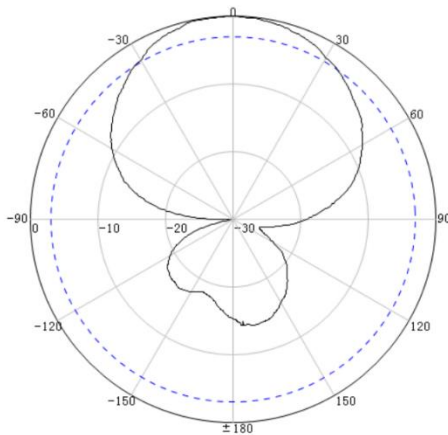
General / Chamber Setup



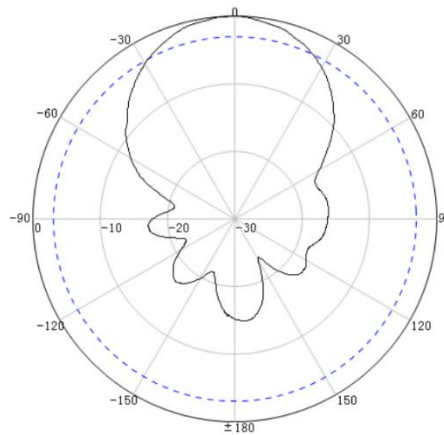
Radiation Pattern –Vertical and Horizontal Plane

PD380-4000S143

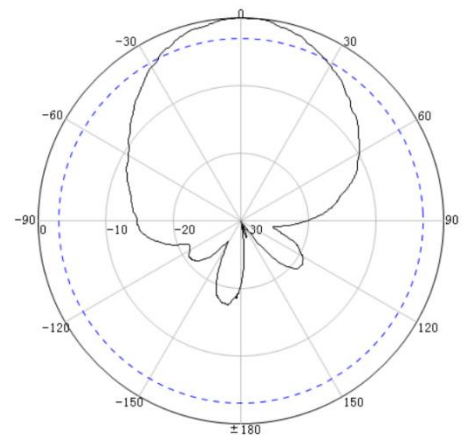
Vertical



900MHz

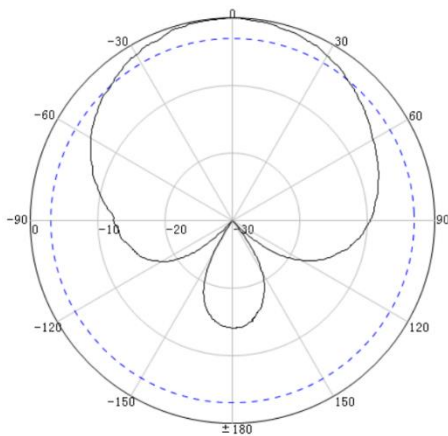


1710MHz

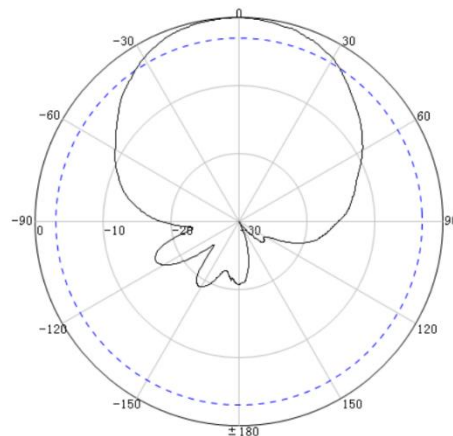


2500MHz

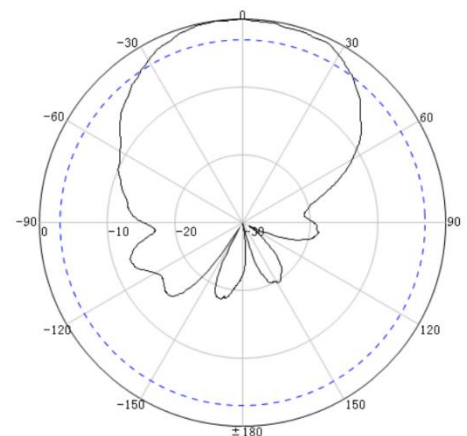
Horizontal



900MHz



1710MHz



2500MHz

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

Part number: PD380-4000S143

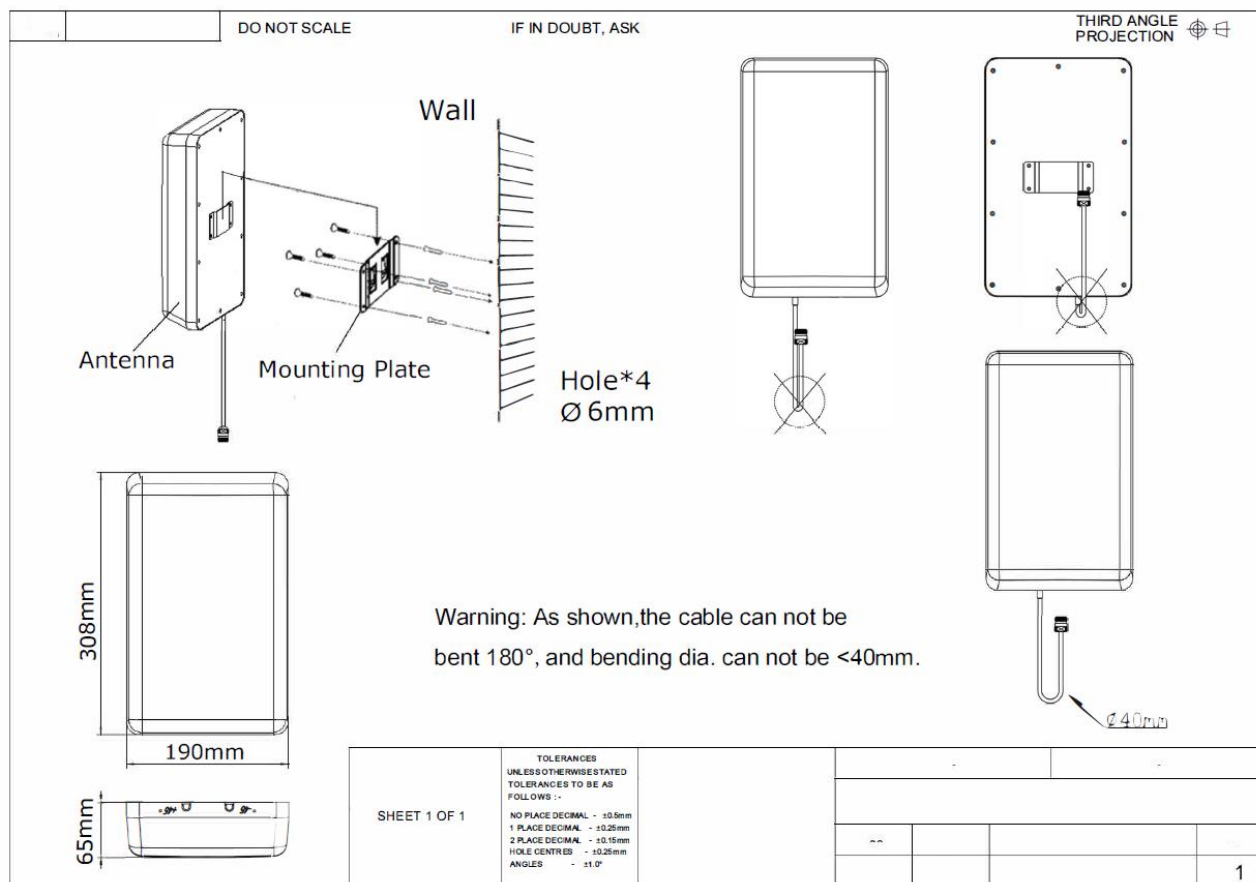
PACKAGING

PD380-4000S143

- 1.Inner box: 385*227*80mm;
- 2.Outer box size: 780*400*475mm;
3. 20Pcs/Carton;

Installation instructions

PD380-4000S143



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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