









# Directional DAS Series

## 2xMiMo 4G/5G Antenna + 1350-1550MHz

PD698-3800M2NF



### Features & Applications:

-  4G / 5G-FR1 698-3800MHz
-  Including 1350-1550MHz band
-  2-Port MiMo
-  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: PD698-3800M243

## ELECTRICAL SPECIFICATIONS

### PD698-3800M2NF

Frequency range	MHz		698-960	1350-1550	1710-2700	3300-3800
Gain	dBi		6.0±1	8.0±1	9.0±1	9.0±1
Polarization			±90deg V+H			
Beam width	Horizontal	deg	90	75	70	70
	Vertical		75	60	55	55
VSWR			≤2.0	≤1.7	≤1.7	≤1.7
Front-to-back ratio	dB		>15	>15	>15	>15
PIM,3rd order,2x20W	dBc		≤-150			N/A
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

### PD698-3800M2NF

<b>Dimension (W x L x H)</b>		<b>Housing Material</b>	<b>Color</b>	<b>Weight with mounting kit</b>	<b>Mounting Kit</b>
315 x 195 x 74 mm (12.40 x 7.68 x 2.91 inch)		ABS, UV Protected	White RAL9003	0.8 kg (1.76 lbs)	Wall mount (standard)
<b>Wireless Technology</b>	<b>No. of Port</b>	<b>Cable Length</b>		<b>Cable Type</b>	<b>Connector Type</b>
4G,5G FR1	2	1Ft (0.3m)		Ø 0.160" low loss SFF-50-3	NF

## ENVIRONMENTAL SPECIFICATIONS

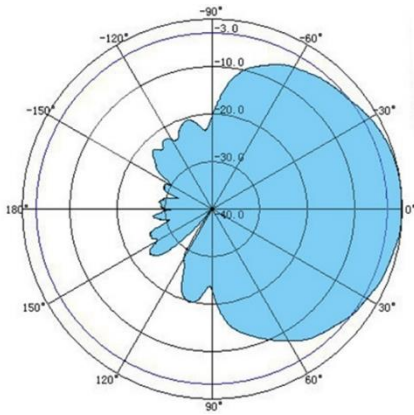
### PD698-3800M2NF

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

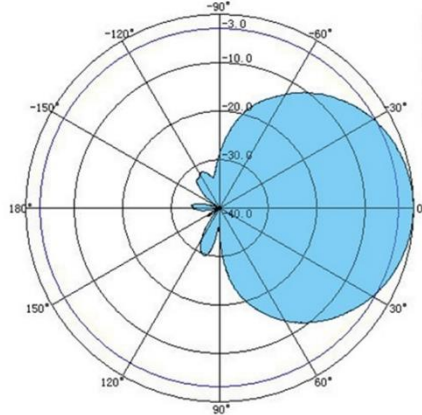
Radiation Pattern –Vertical and Horizontal Plane

PD698-3800M2NF

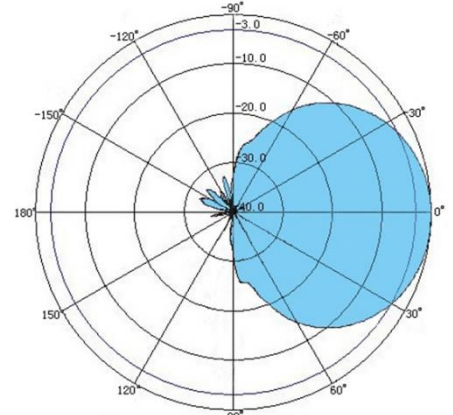
Vertical



698-960MHz

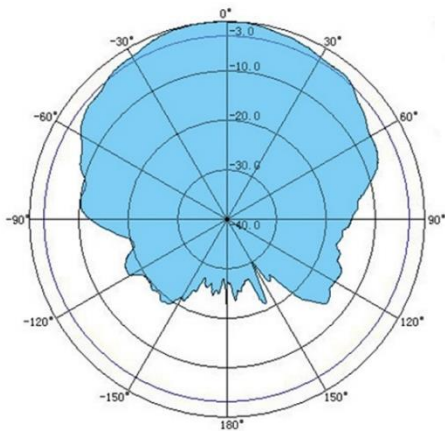


1350-1550MHz

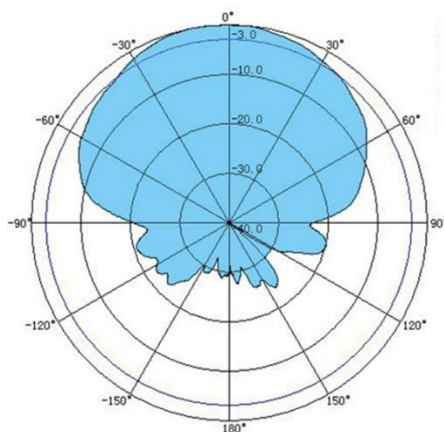


1710-3800MHz

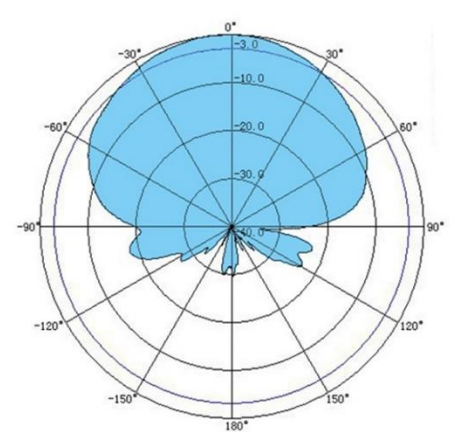
Horizontal



698-960MHz



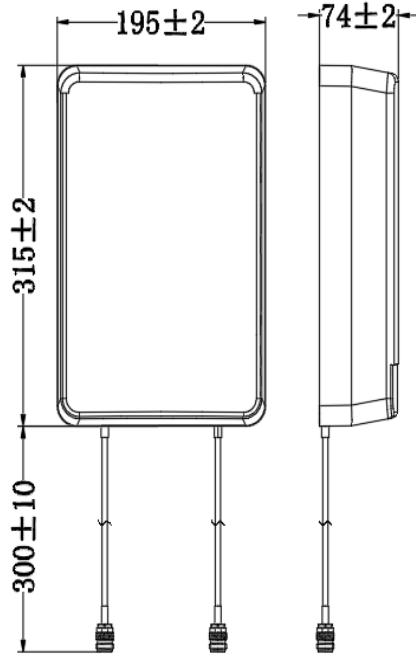
1350-1550MHz



1710-3800MHz

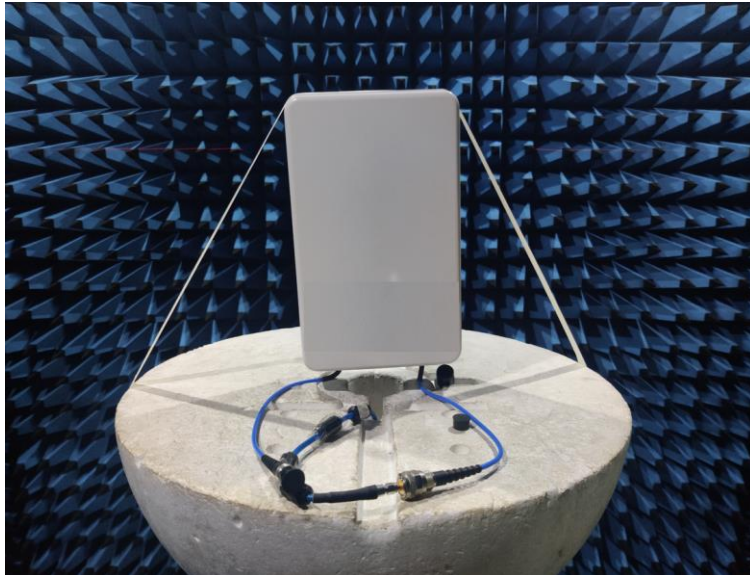
Mechanical Drawing

PD698-3800M2NF



Test Setup

General / Chamber Setup



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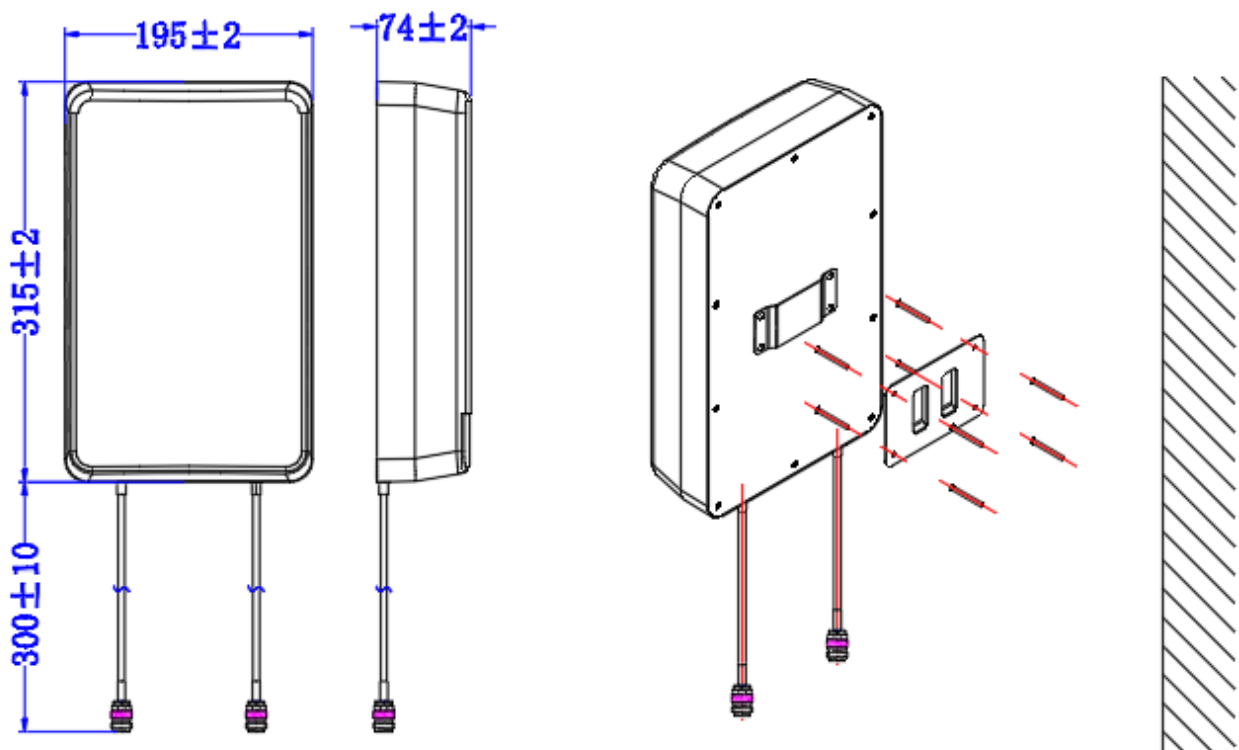
## PACKAGING

### PD698-3800M2NF

1. Inner box: 360\*220\*85mm;
2. Outer box size: 480\*460\*375mm;
3. 10Pcs/Carton;

## Installation instructions

### PD698-3800M2NF



#### 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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