

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

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Dimension (W x L x H)	Housing Material	Color	Weight with mounting kit	Mounting Kit	
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)	
Wireless Technology	No. of Port	Cable Length	Cable Type	Connector Type	
4G,5G FR1	2	1Ft (0.3m)	Ø 0.160" low loss SFF-50-3	NF	

ENVIRONMENTAL SPECIFICATIONS

PD698-3800M2NF

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

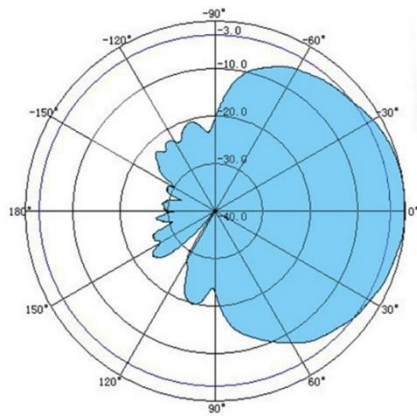
Directional DAS Series 2xMiMo 4G/5G Antenna + 1350-1550MHz

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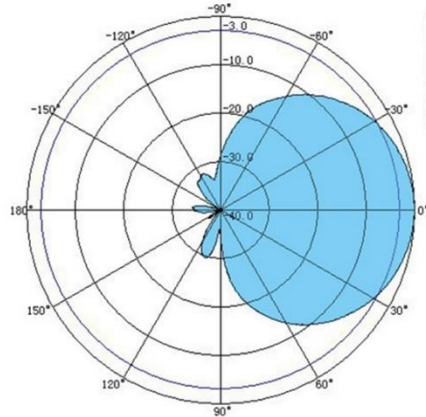
Radiation Pattern –Vertical and Horizontal Plane

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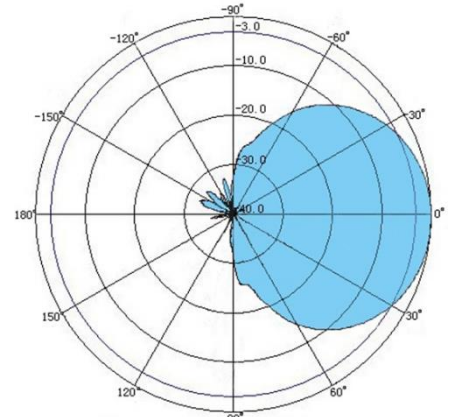
Vertical



698-960MHz

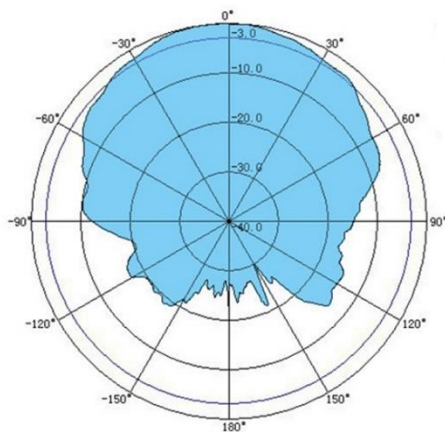


1350-1550MHz

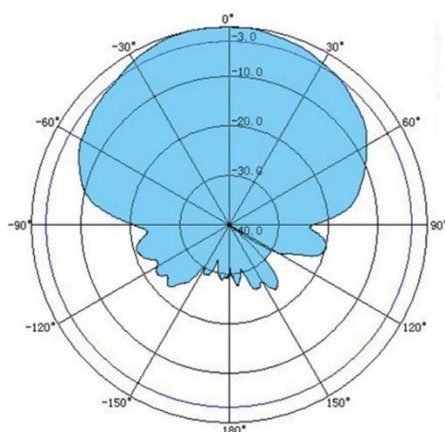


1710-3800MHz

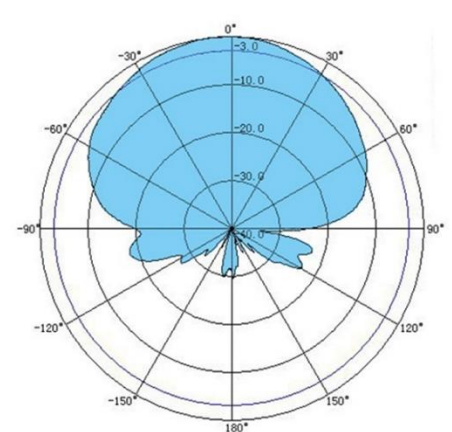
Horizontal



698-960MHz



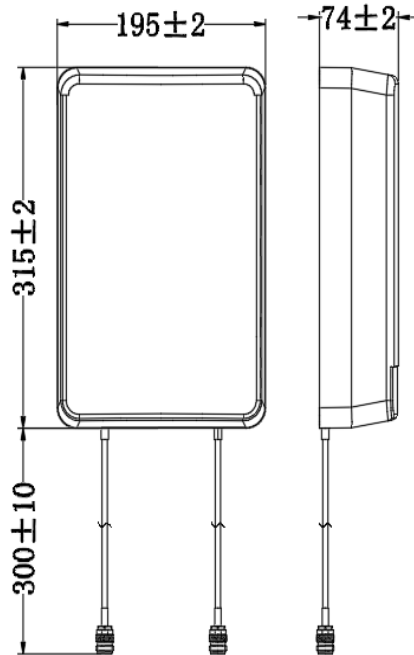
1350-1550MHz



1710-3800MHz

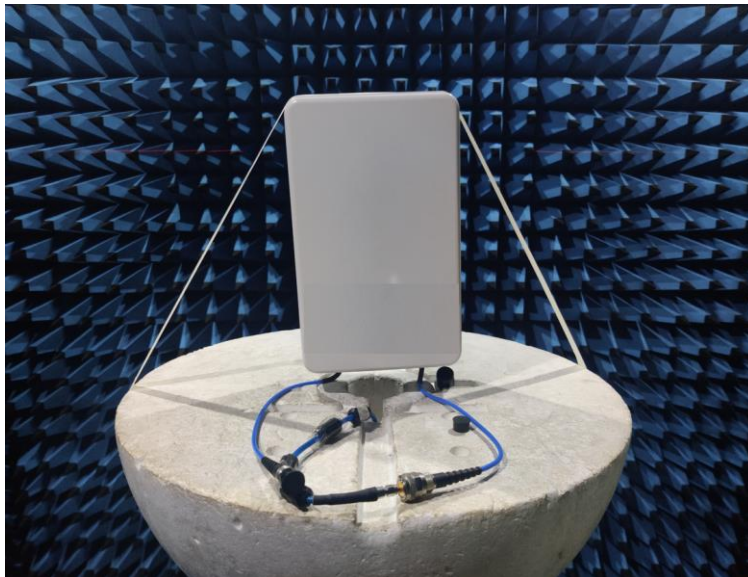
Mechanical Drawing

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Test Setup

General / Chamber Setup



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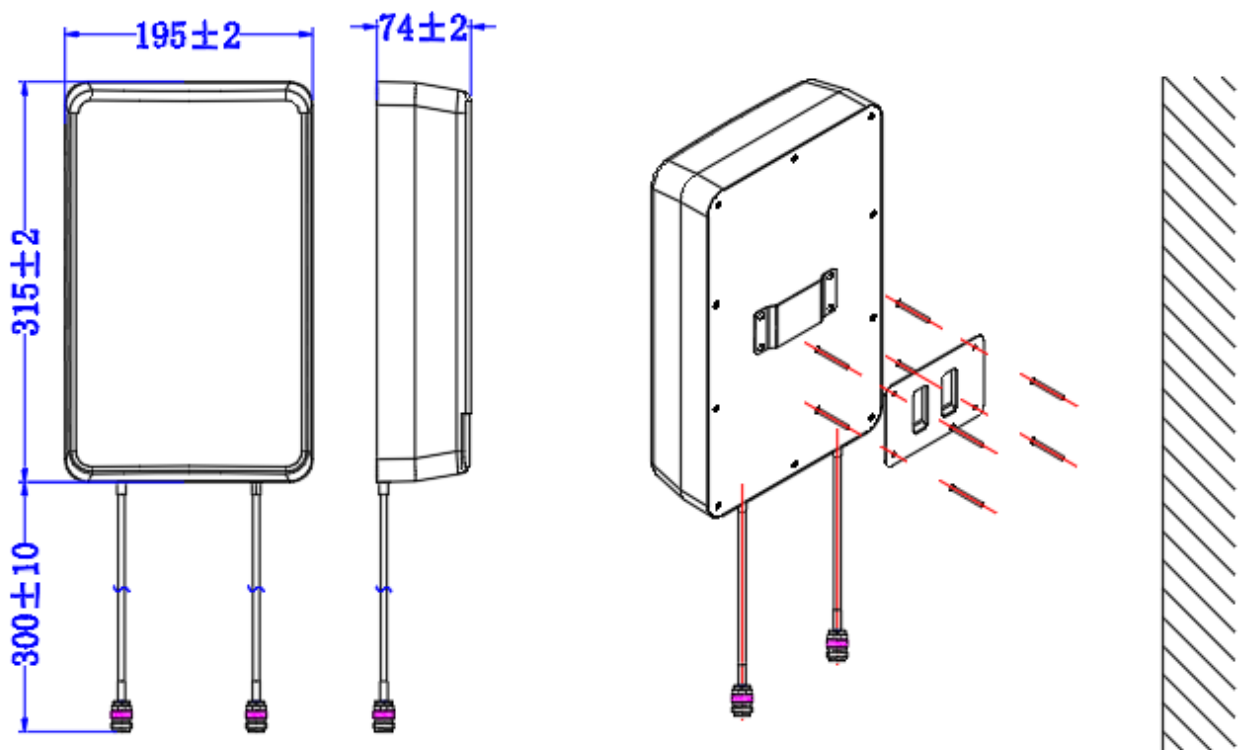
PACKAGING

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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