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

PD698-3800M243



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 4.3-10-Female as standard*
- *For N-Female connector use P/N: PD698-3800M2NF*

ELECTRICAL SPECIFICATIONS

PD698-3800M243

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

PD698-3800M243

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	4.3-10-Female

ENVIRONMENTAL SPECIFICATIONS

PD698-3800M243

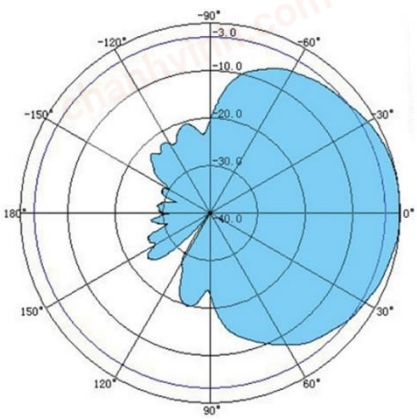
Operating Temperature	Storage Temperature	RoHS Compliant	Ingress Protection	Warranty
-40 / +60° C	-40 / +60° C	Yes	IP50	2 years

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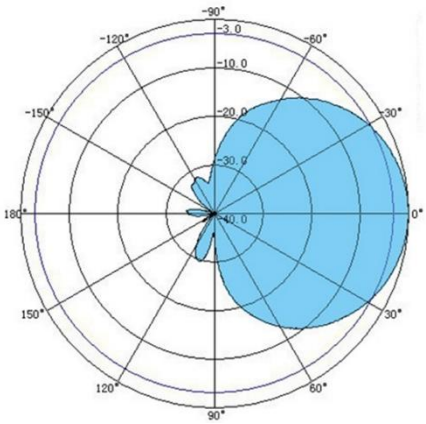
Radiation Pattern –Vertical and Horizontal Plane

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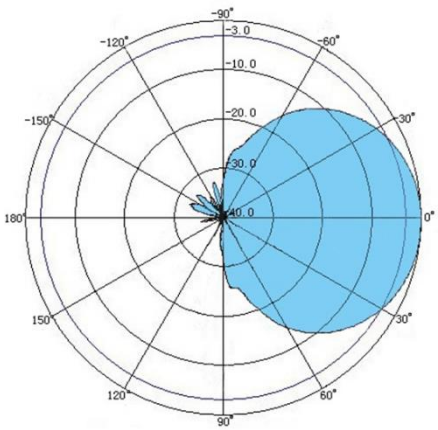
Vertical



698-960MHz

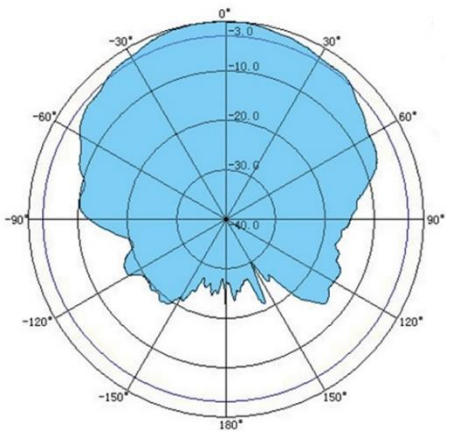


1350-1550MHz

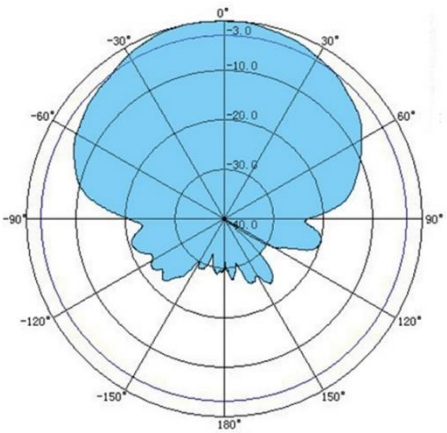


1710-3800MHz

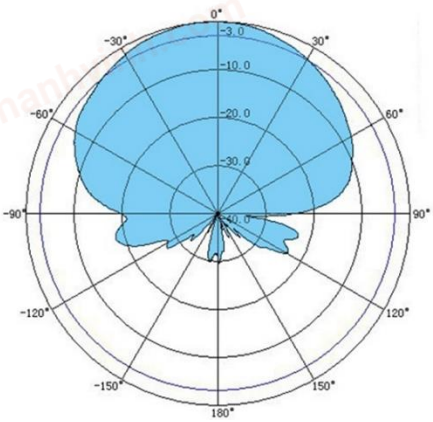
Horizontal



698-960MHz



1350-1550MHz

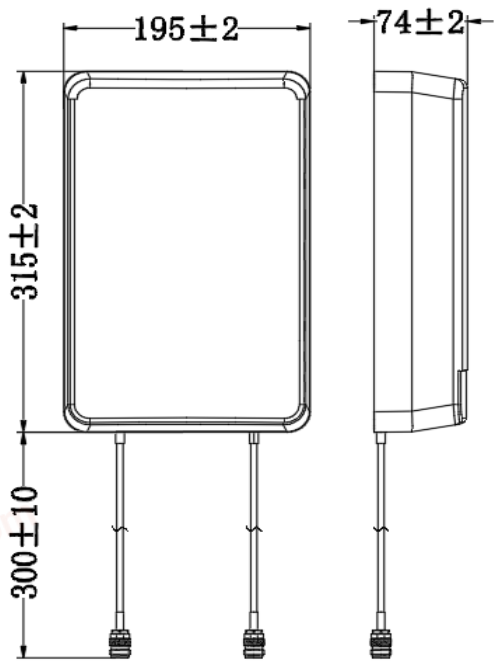


1710-3800MHz

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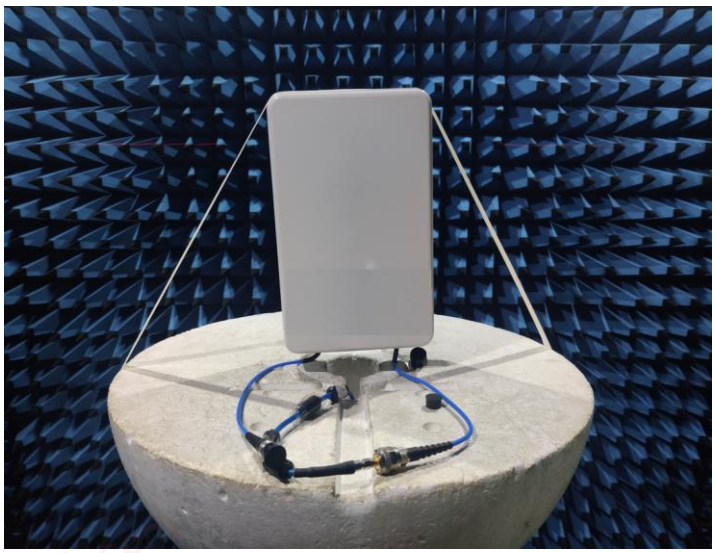
Mechanical Drawing

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Test Setup

General / Chamber Setup



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PACKAGING

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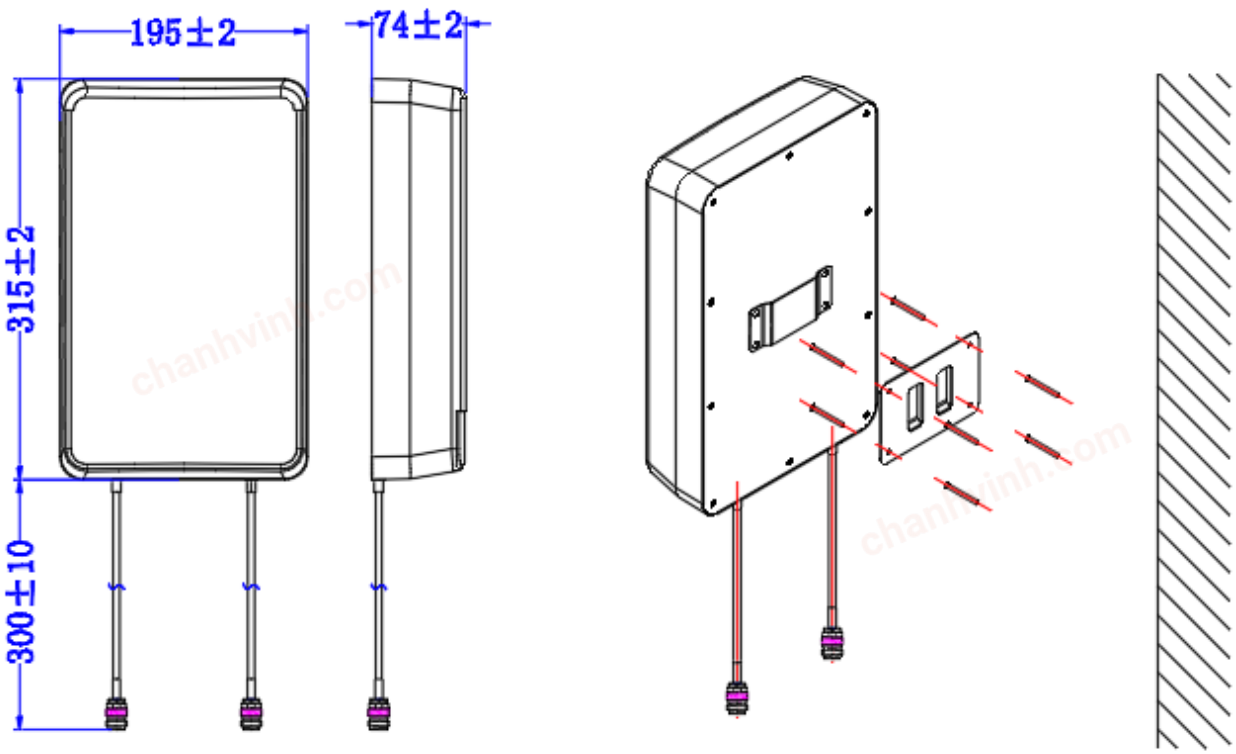
1.Inner box: 360*220*85mm;

2.Outer box size: 480*460*375mm;

3. 10Pcs/Carton;

Installation instructions

PD698-3800M243



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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