

Electrical Specifications

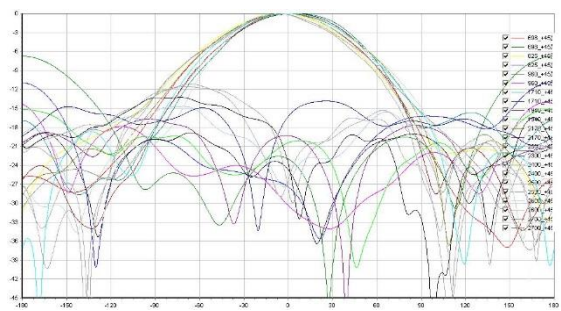
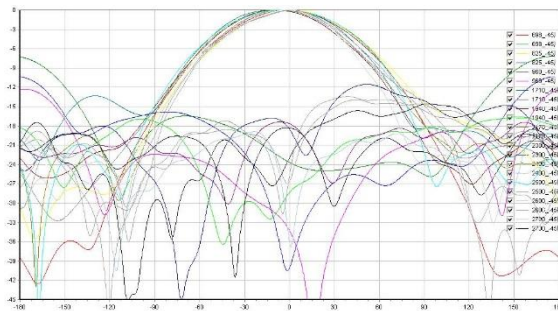
Frequency Range	MHz	698-864	870-960	1710-1880	1920-2170	2200-2500	2490-2700						
Gain	dBi	6.5	7.0	8.5	8.5	8.0	7.5						
Polarization		+/-45											
Beam-width	Horizontal	78	73	65		60							
	Vertical	70		55/65		75/55							
VSWR		≤ 2.0:1		≤ 1.6:1									
Isolation	dB	25											
PIM3	IDAG065X09-A0	/											
	IDAG065X09-A1							≤ -140@2x43dBm					
	IDAG065X09-A2												
Power Handling	W	100		50									
Impedance	Ω	50											

Mechanical Specifications

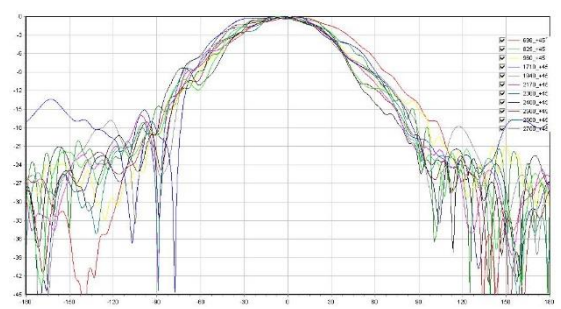
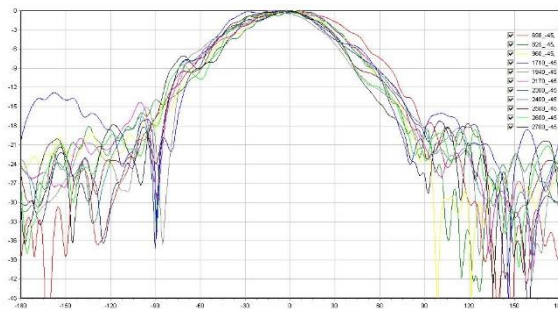
Dimensions, HxWxD	mm (in)	315x200x75 (12.4x7.9x3.0)					
Weight	kg (lb)	1.0 (2.2)					
Radome Material and Color		ABS, white					
Reflector Material		Aluminum					
Radiating Element Material		Brass and PCB					
Connector Type		2 x N-Female					
Environmental Class		Indoor					
Mounting		Wall mount with bracket					
Shipping Dimensions, HxWxD	mm (in)	435x210x85 (17.1x8.3x3.3)					
Shipping Weight	kg (lb)	1.2 (2.6)					

Radiation Patterns

Co/X-pol
Horizontal
al
pattern



Vertical
pattern



+ 45deg Port

-45deg Port

Features and Product Description

- Broadband, coverage for 698MHz-2700MHz 2x2 MIMO application.
- Typically used in micro-cell or in-building distribution of 2G/3G/LTE and WLAN(Wi-Fi) services.
- Low return loss and low PIM design.
- Aesthetically pleasing and easy for in-building installations.

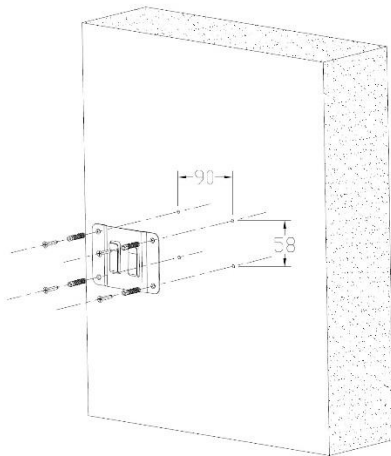


Note for Installation

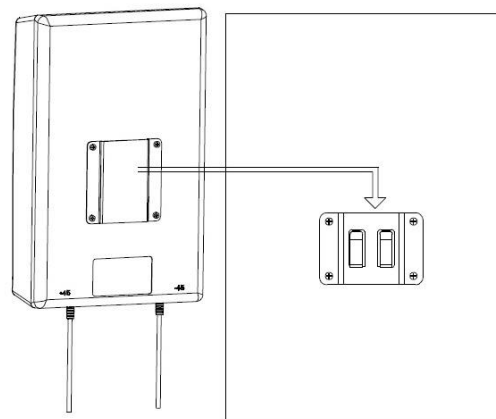
Thanks for choosing our product! Before exciting installation, please read this guide carefully.

- Make sure qualified personnel are hired for installing this product such as working at height with safety awareness, tools operating skills, and etc.
- This is low PIM designed product and be gentle to bend the jumper cable and fasten the connectors.
- Please check the items against the below packing list and make sure the product is in good condition without any damage and none is missing.
- Check the necessary installation tools below are prepared on site before the installation.
- Find proper position and the flat surface of wall to mount this antenna based on the coverage design and planning documents.

Mounting Instruction



STEP1: Mark the 4 drilling points by **Mounting Plate** at the desired position on the wall. Drill 4 holes on the wall and tap the 4 **plastic plugs** into them. Fix the **Mounting Plate** by screwing the 4 **tapping screws** into the plastic plugs.



STEP2: Place the **Antenna** on the Mounting Plate and make sure the antenna is securely hooked up on the Mounting Plate.

STEP3: Joint the connectors with systems.

Packing List

List of Installation Tools

Antenna	1	Percussion Drill and Φ 6mm bit
Mounting Plate	1	Phillips Screwdriver
St 4*25 Tapping Screw	4	
6mm Plastic Plug	4	

QC Check