



# XingYue Communication Technology Co., Ltd.

**Product Name: Panel Antenna**

**Product Model: XY221322**

Electrical Specifications	
Frequency Range	2400-2500MHz
Polarization Type	$\pm 90^\circ$
Gain	$12 \pm 1\text{dBi}$
VSWR	$\leq 1.5$
Horizontal Beamwidth	$65^\circ \pm 5^\circ$
Vertical Beamwidth	$30^\circ \pm 3^\circ$
Front-to-back Ratio	$\geq 23\text{dB}$
Isolation Between	$\geq 22\text{dB}$
Input Impedance	$50 \Omega$
Max Power	100W
Lightning Protection	DC Ground
Mechanical Specifications	
Connector Type	2*N Female
Dimensions (L*W*H)	223*123*25 mm (8.8*4.8*1.0in)
Radiating Element Material	Aluminum
Reflector Material	Aluminum
Weight	0.28kg
Radome Material	ABS
Radome Color	Gray
Mounting Pole	$\Phi 38 \sim 52\text{mm}$
Max Wind Velocity	216 km/h
Operating Temperature	$-40^\circ\text{C} \sim 65^\circ\text{C}$

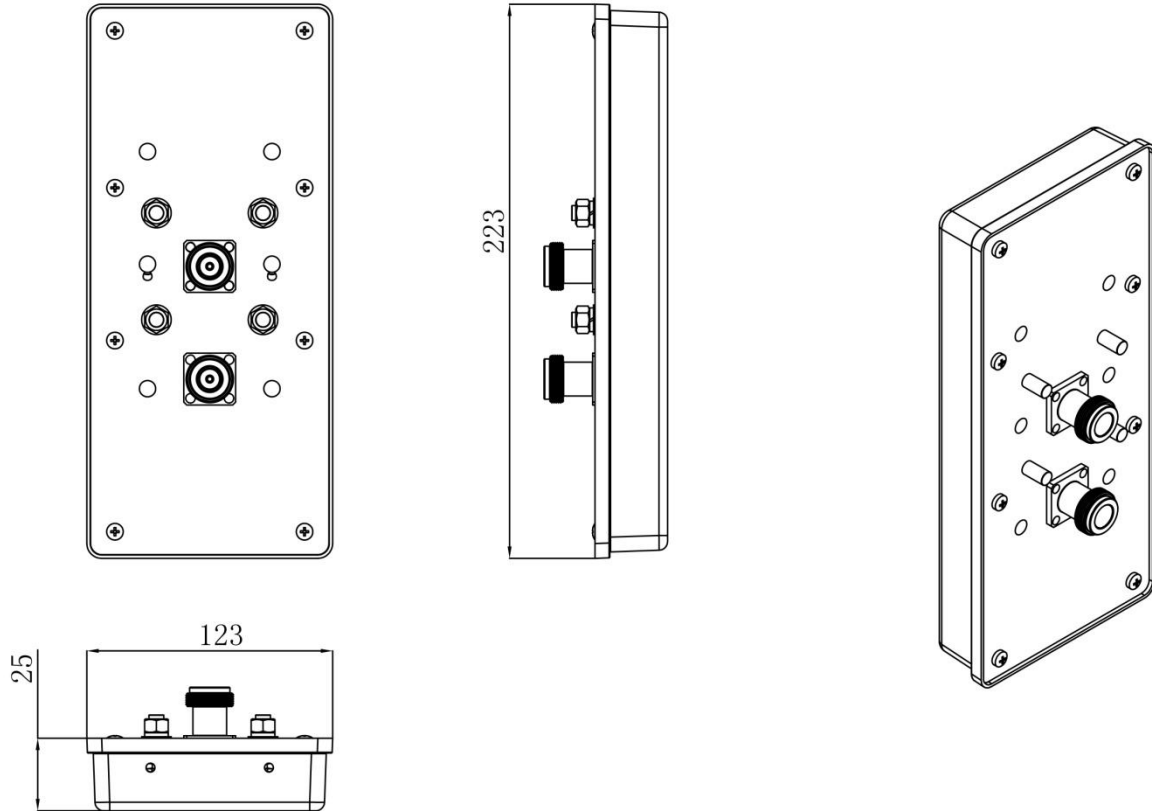


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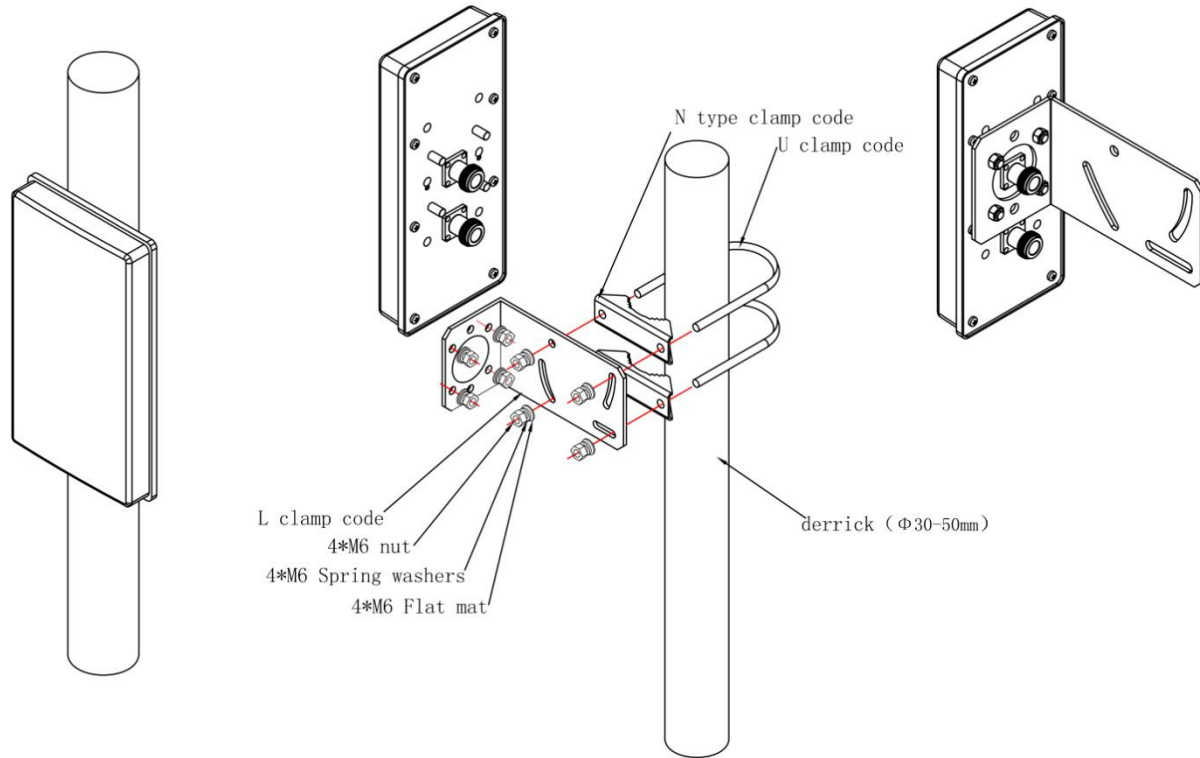
## Product Diagram:



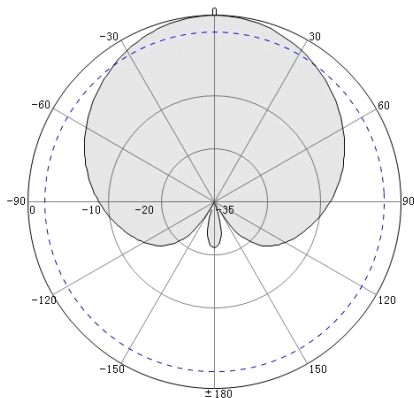


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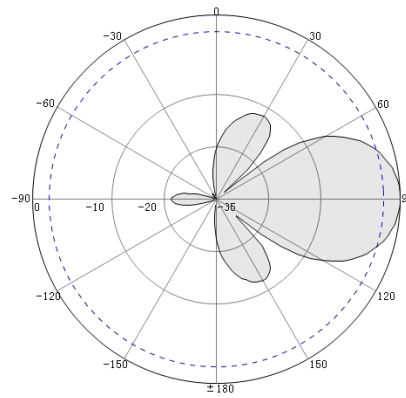
## Installation Guide:



## Directional Pattern:



2450MHz- Horizontal Pattern



2450MHz- Vertical Pattern