



XingYue Communication Technology Co.,Ltd.

Product Name: Panel Antenna

Product Model: XY111619

Electrical Specifications

Frequency Range	806-960MHz	1710-2700MHz
Polarization Type	Vertical	
Gain	9 ± 1 dBi	11 ± 1 dBi
VSWR	$\leq 1.5:1$	
Horizontal Beamwidth	$60^\circ \pm 5^\circ$	$60^\circ \pm 10^\circ$
Vertical Beamwidth	$55^\circ \pm 5^\circ$	$33^\circ \pm 5^\circ$
Front-to-back Ratio	≥ 23 dB	≥ 25 dB
Input Impedance	50 Ω	
Max power	50W	
Lightning Protection	DC Ground	

Mechanical Specifications

Connector Type	N Female
Dimensions (L*W*H)	300*330*130mm (11.8*13.0*5.1in)
Radiating Element Material	Aluminum
Reflector Material	Aluminum
Weight	3.2kg
Radome Material	UPVC
Radome Color	Gray
Mounting Pole	$\Phi 50 \sim 100$ mm
Operating Temperature	$-40^\circ\text{C} \sim 60^\circ\text{C}$
Max Wind Velocity	200 km/h
Waterproof treatment	IP-65

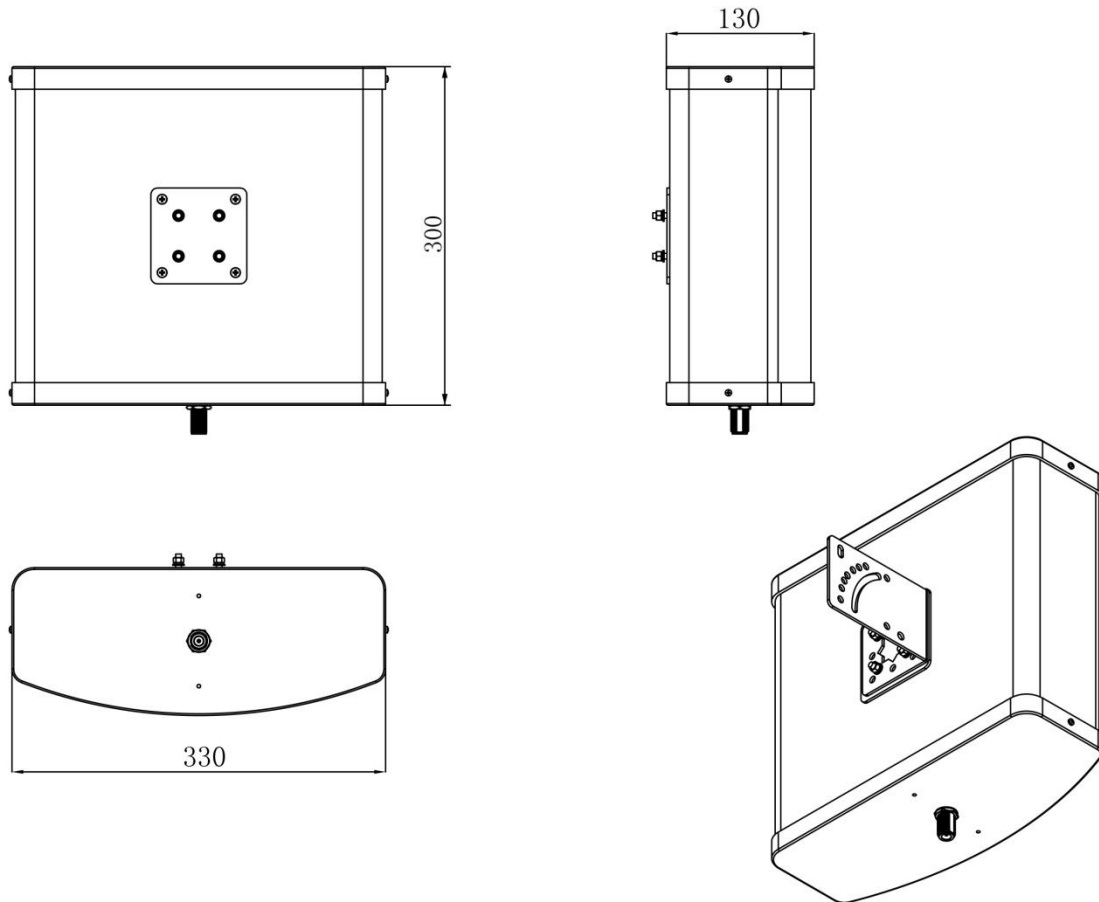


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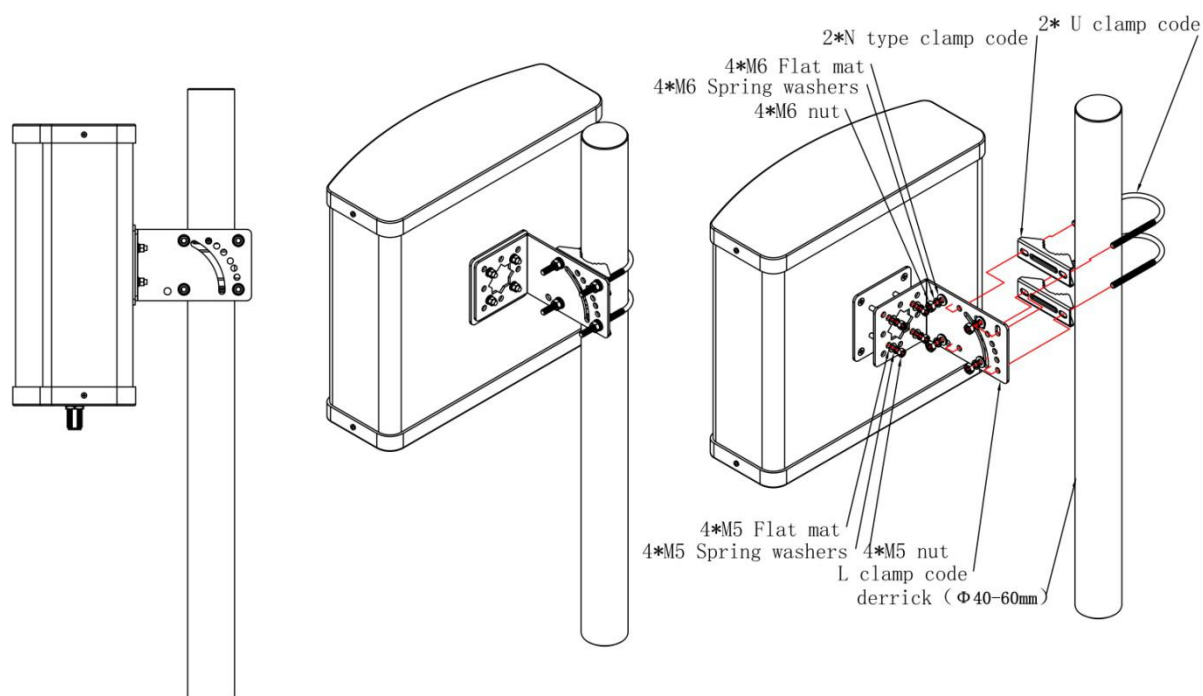


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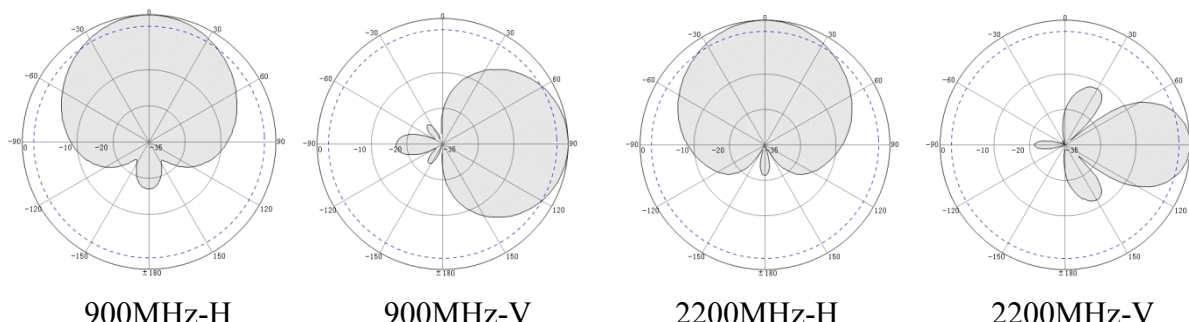
Product Diagram:



Installation Guide:



Directional Pattern:



PS:

H: Horizontal Pattern

V: Vertical Pattern