



XingYue Communication Technology Co., Ltd.

Product Name: Panel Antenna

Product Model: XY121720

Electrical Specifications	
Frequency Range	1710-2700MHz
Polarization Type	$\pm 45^{\circ}$
Gain	$14 \pm 1\text{dBi}$
VSWR	$\leq 1.7:1$
Horizontal Beamwidth	$60^{\circ} \pm 10^{\circ}$
Vertical Beamwidth	$15^{\circ} \pm 3^{\circ}$
PIM3@ (2*43dBm)	$\leq -150\text{dBc}$
Front-to-back Ratio	$\geq 25\text{dB}$
Isolation Between	$\geq 26\text{dB}$
Input Impedance	50 Ω
Max Power	100 W
Lightning Protection	DC Ground
Mechanical Specifications	
Connector Type	2*N Female
Dimensions (L*W*H)	500*165*85mm (19.7*6.5*3.3in)
Radiating Element Material	Aluminum
Reflector Material	Aluminum
Weight	3.3kg
Radome Material	UPVC
Radome Color	Gray
Mounting Pole	$\Phi 38 \sim 55\text{mm}$
Operating Temperature	$-40^{\circ}\text{C} \sim 60^{\circ}\text{C}$
Max Wind Velocity	200 km/h



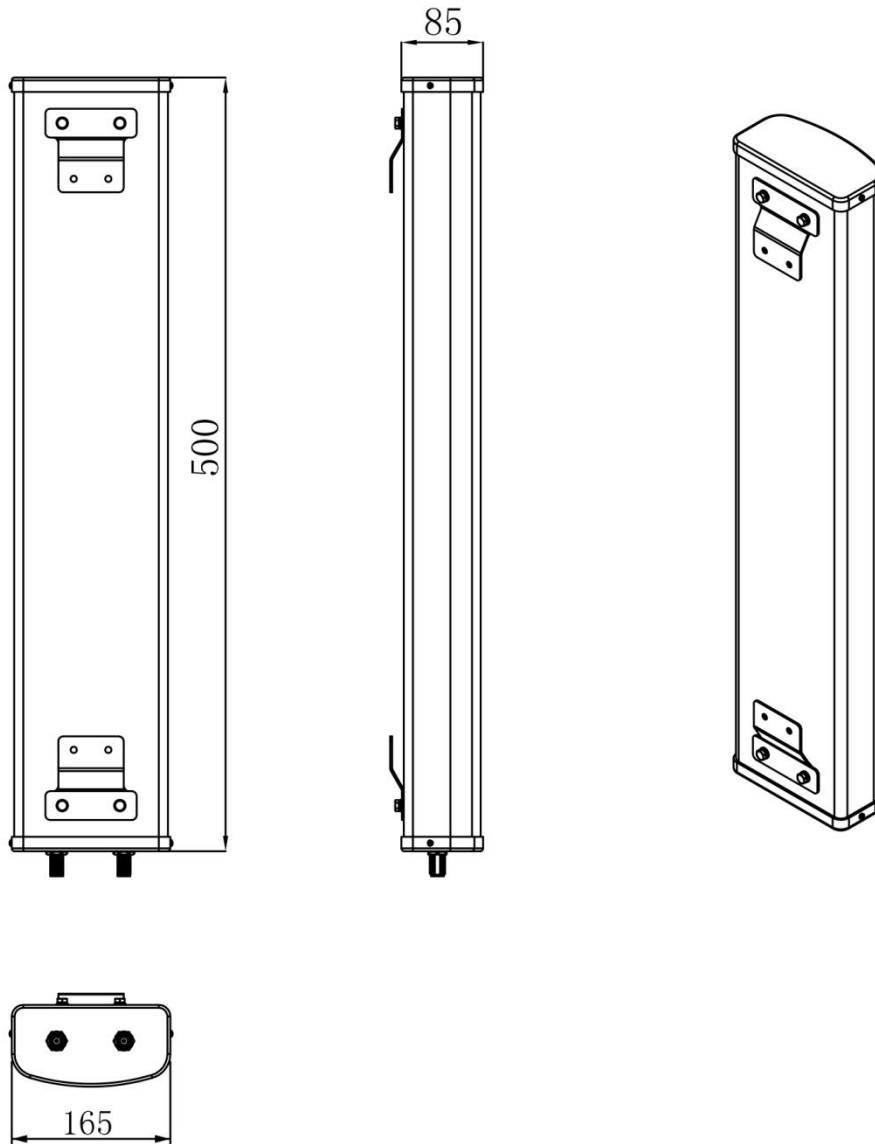
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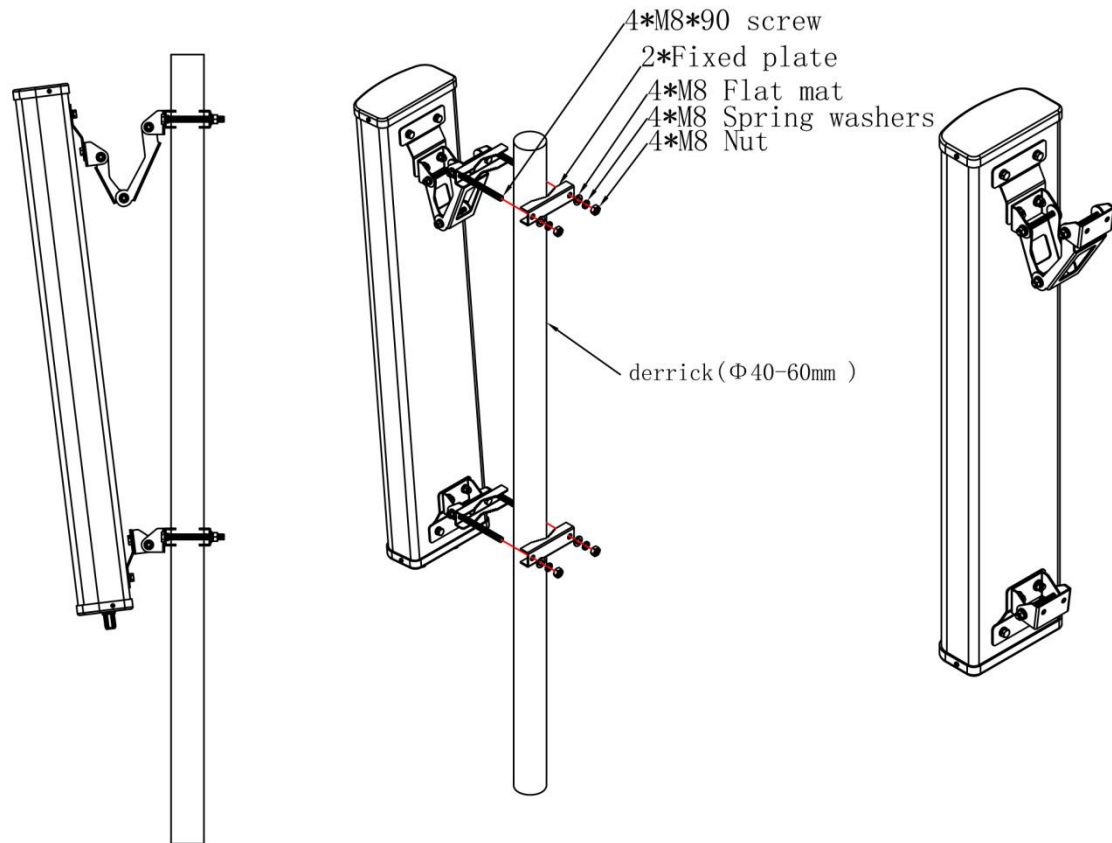
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Product Diagram:

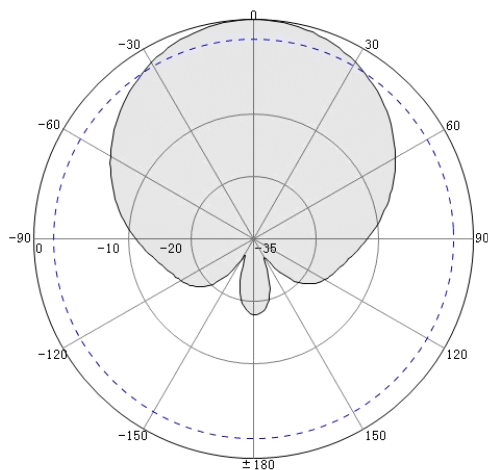


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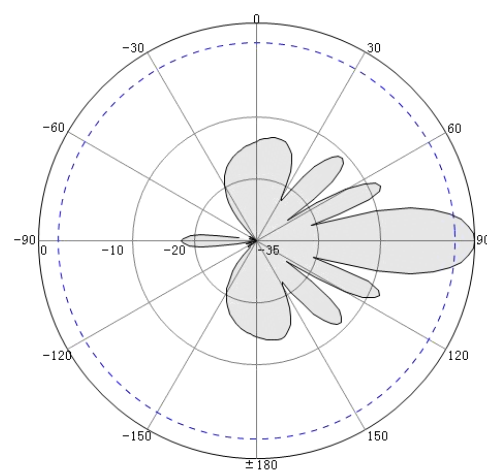
Installation Guide:



Directional Pattern:



2200MHz-Horizontal Pattern



2200MHz-Vertical Pattern