



XingYue Communication Technology Co., Ltd.

Product Name: Panel Antenna

Product Model: XY131701

Electrical Specifications	
Frequency Range	1710-2700MHz
Polarization Type	$\pm 45^\circ$
Gain	12 ± 1 dBi
VSWR	$\leq 1.5:1$
Horizontal Beamwidth	$65^\circ \pm 8^\circ$
Vertical Beamwidth	$35^\circ \pm 5^\circ$
PIM (2*33dBm)	≤ -107 dBm
Front-to-back Ratio	≥ 25 dB
Isolation	≥ 28 dB
Input Impedance	50 Ω
Max Power	100W
Lightning Protection	DC Ground
Mechanical Specifications	
Connector Type	4*DIN Female
Dimensions (L*W*H)	320*280*80mm(12.6*11*3.1in)
Radiating Element Material	PCB
Reflector Material	Aluminum
Weight	2.8kg
Radome Material	UPVC
Radome Color	Gray
Mounting Pole	$\Phi 30 \sim 50$ mm
Operating Temperature	$-40^\circ\text{C} \sim 60^\circ\text{C}$
Max Wind Velocity	200 km/h

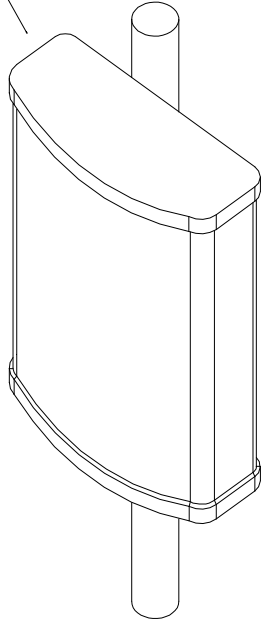




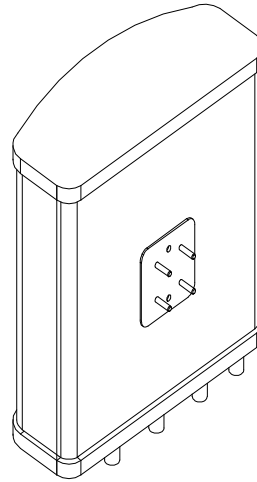
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Installation Guide:

Radome



Connector

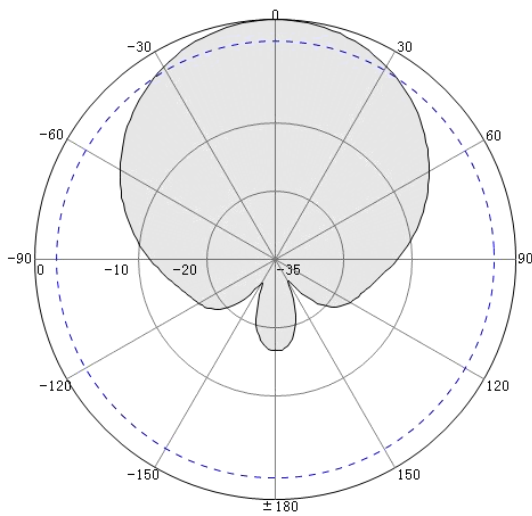


Pole

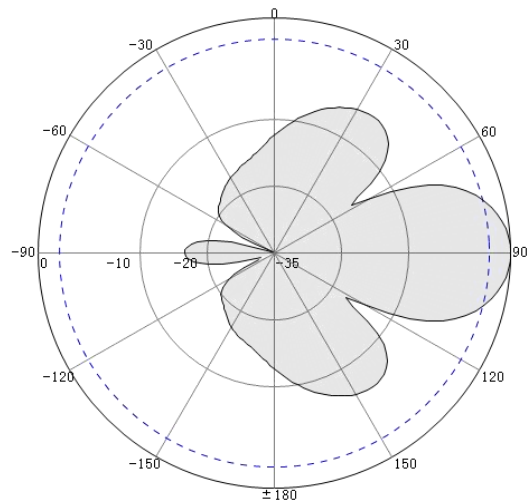
Bracket



Directional Pattern:



Horizontal Pattern



Vertical Pattern