



XingYue Communication Technology Co., Ltd.

Product Name: Panel Antenna

Product Model: XY121602

Electrical Specifications

Frequency Range	698-960MHz	1710-2700MHz
Polarization Type	$\pm 45^\circ$	
Gain	$8 \pm 1\text{dBi}$	$14 \pm 1\text{dBi}$
VSWR	$\leq 1.7:1$	$\leq 1.7:1$
Horizontal Beamwidth	$70^\circ \pm 5^\circ$	$35^\circ \pm 5^\circ$
Vertical Beamwidth	$70^\circ \pm 3^\circ$	$35^\circ \pm 3^\circ$
Front-to-back Ratio	$\geq 18\text{dB}$	$\geq 18\text{dB}$
Isolation	$\geq 30\text{dB}$	$\geq 30\text{dB}$
Input Impedance	50Ω	
Max Power	100 W	
Lightning Protection	DC Ground	

Mechanical Specifications

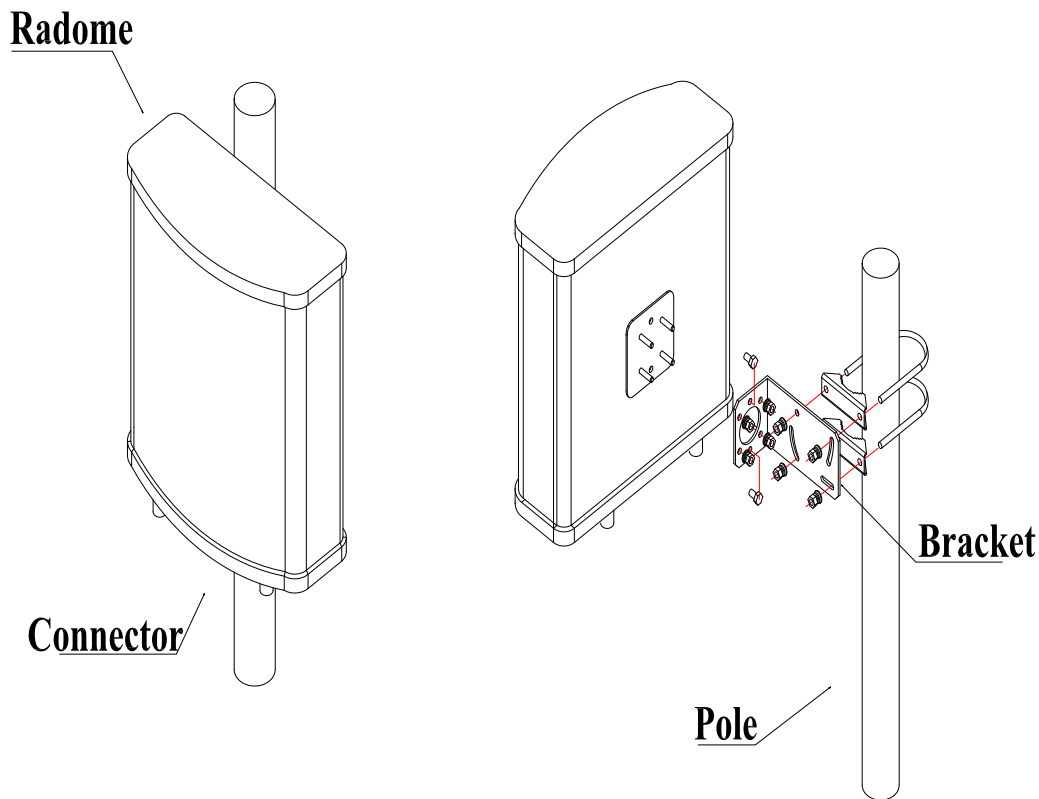
Connector Type	2*N Female
Dimensions (L*W*H)	330*330*130mm(13*13*5.12in)
Radiating Element Material	Aluminum
Reflector Material	Aluminum
Weight	3.2kg
Radome Material	UPVC
Radome Color	Gray
Mounting Pole	$\Phi 45 \sim 65\text{mm}$
Operating Temperature	$-40^\circ\text{C} \sim 60^\circ\text{C}$
Max Wind Velocity	200 km/h



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Installation Guide:



Directional Pattern:

