



XingYue Communication Technology Co., Ltd.

Product Name: Wall Mount Antenna

Product Model: XY111640

Electrical Specifications

Frequency Range	698-800MHz	800-960MHz	1710-2700MHz
Polarization Type	Vertical		
Gain	6.5 ± 1 dBi	7 ± 1 dBi	9 ± 1 dBi
VSWR	$\leq 1.8:1$	$\leq 1.8:1$	$\leq 1.5:1$
Horizontal Beamwidth	$90^\circ \pm 8^\circ$	$80^\circ \pm 5^\circ$	$65^\circ \pm 5^\circ$
Vertical Beamwidth	$65^\circ \pm 3^\circ$	$60^\circ \pm 3^\circ$	$55^\circ \pm 3^\circ$
Front-to-back Ratio	≥ 12 dB	≥ 13 dB	≥ 15 dB
PIM (2*43dBm)	≤ -107 dBm		
Input Impedance	50 Ω		
Max Power	50W		

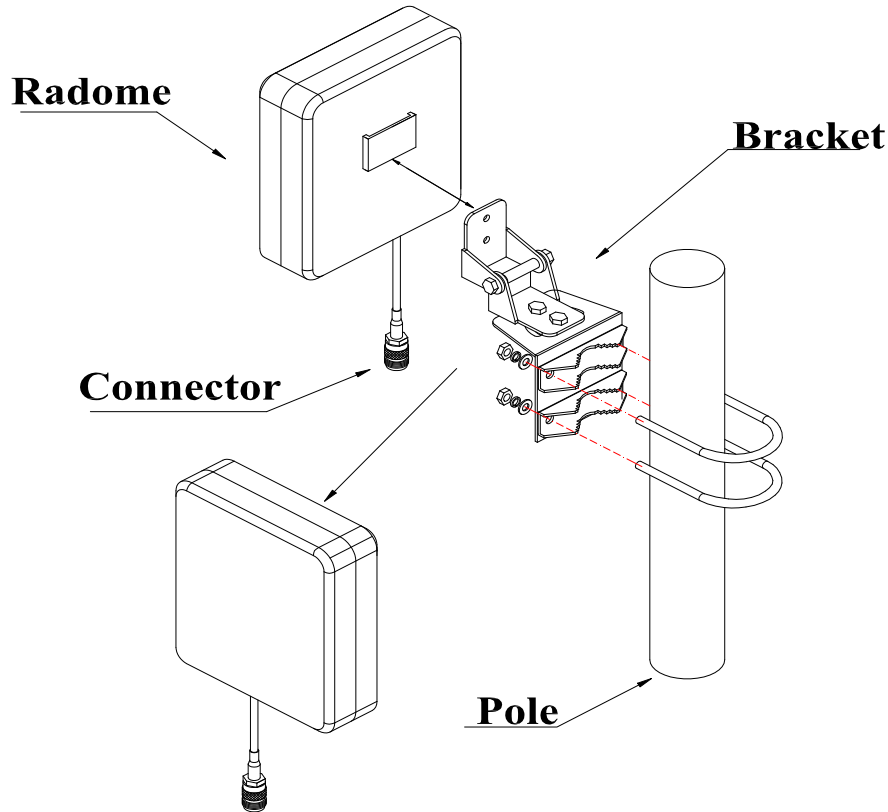
Mechanical Specifications

Connector Type	N Female
Dimensions (L*W*H)	170*150*50mm(6.7*5.9*1.97in)
Radiating Element Material	Aluminum
Reflector Material	Aluminum
Weight	0.75kg
Radome Material	UABS
Radome Color	White
Mounting Pole	$\phi 30$ -50mm
Cable Material	RG141
Operating Temperature	-40°C~60°C

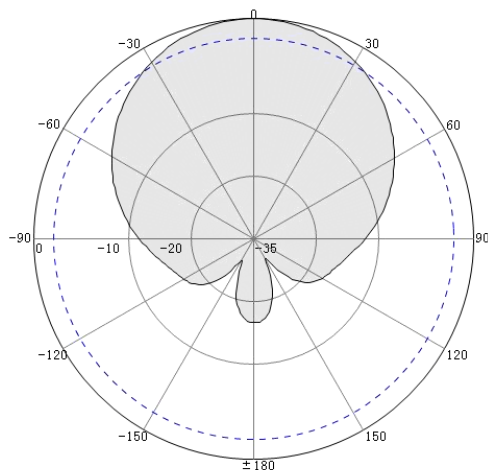


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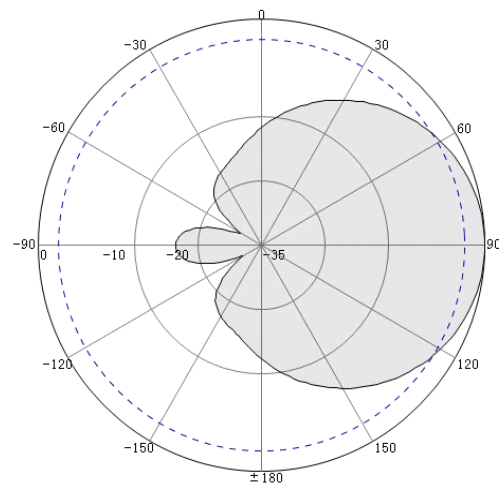
Installation Guide:



Directional Pattern:



Horizontal Pattern



Vertical Pattern