



XingYue Communication Technology Co., Ltd.

Product Name: Parabolic Antenna

Product Model: XY112702

Electrical Specifications	
Frequency Range	1710-1880MHz
Polarization Type	Vertical
Gain	$20 \pm 1\text{dBi}$
VSWR	$\leq 1.7:1$
Horizontal Beamwidth	$20^\circ \pm 2^\circ$
Vertical Beamwidth	$18^\circ \pm 2^\circ$
Front-to-back Ratio	$\geq 25\text{dB}$
Input Impedance	50Ω
Max Power	50W
Lightning Protection	DC Ground
Mechanical Specifications	
Connector Type	N Female
Dimensions (D*H)	980*240mm (38.6*9.4in)
Radiating Element Material	Copper (Cu)
Reflector Material	Aluminum
Weight	2.1kg
Mounting Pole	$\Phi 40 \sim 60\text{mm}$
Operating Temperature	$-40^\circ\text{C} \sim 60^\circ\text{C}$
Max Wind Velocity	200 km/h

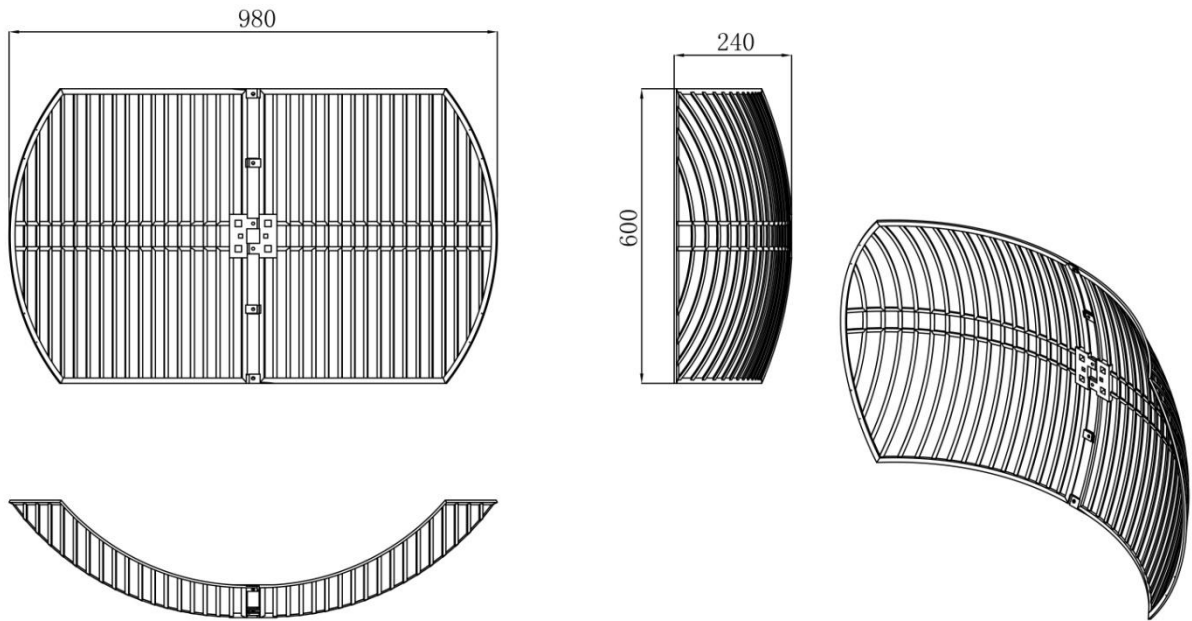


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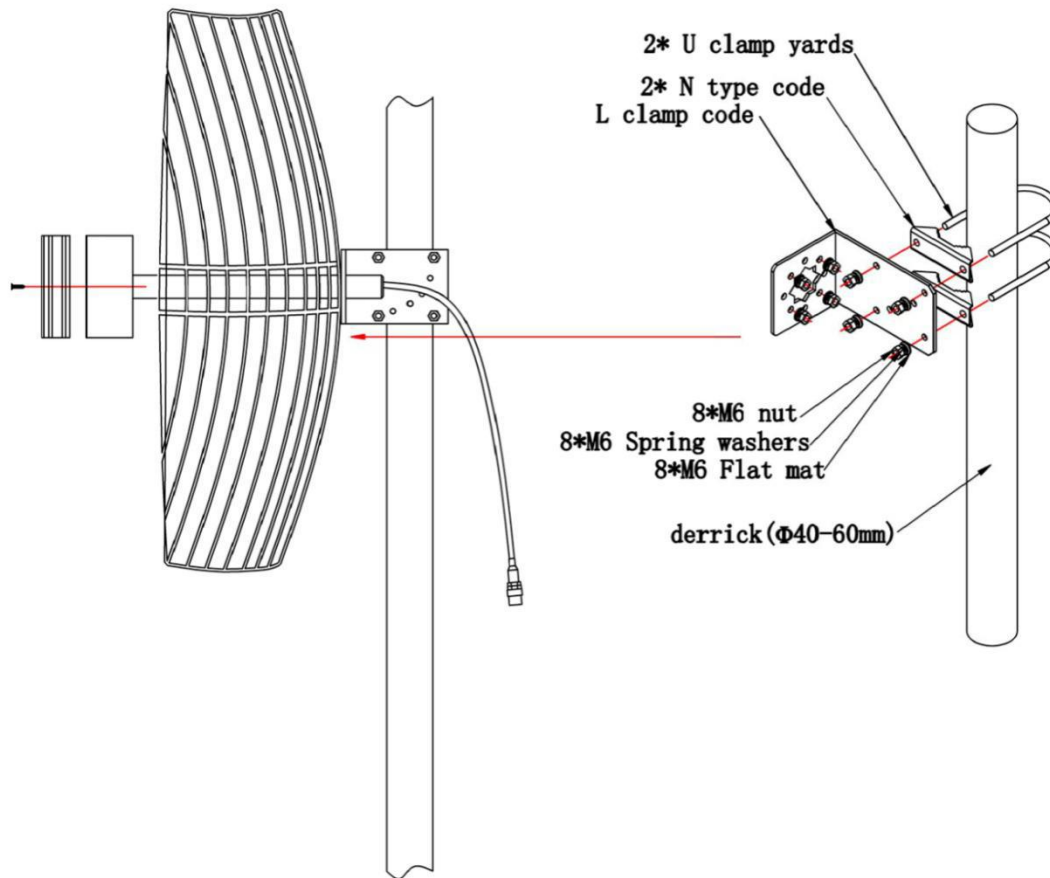
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Product Diagram:

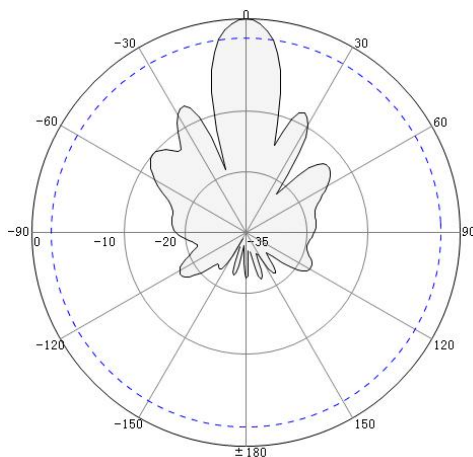


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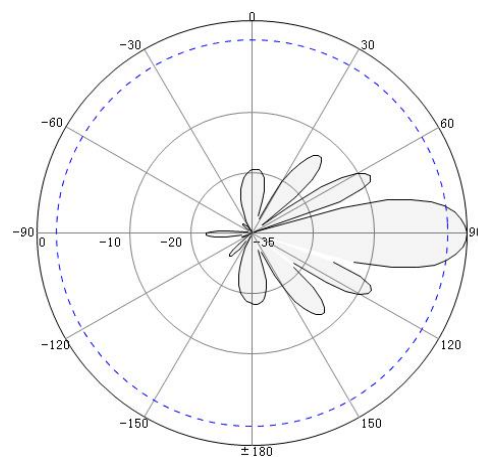
Installation Guide:



Directional Pattern:



1800MHz-Horizontal Pattern



1800MHz-Vertical Pattern