



XingYue Communication Technology Co., Ltd.

Product Name: Parabolic Antenna

Product Model: XY112701

Electrical Specifications	
Frequency Range	1920-2170MHz
Polarization Type	Vertical
Gain	$21 \pm 1\text{dBi}$
VSWR	$\leq 1.7:1$
Horizontal Beamwidth	$18^\circ \pm 3^\circ$
Vertical Beamwidth	$17^\circ \pm 3^\circ$
Front-to-back Ratio	$\geq 25\text{dB}$
Input Impedance	$50 \ \Omega$
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

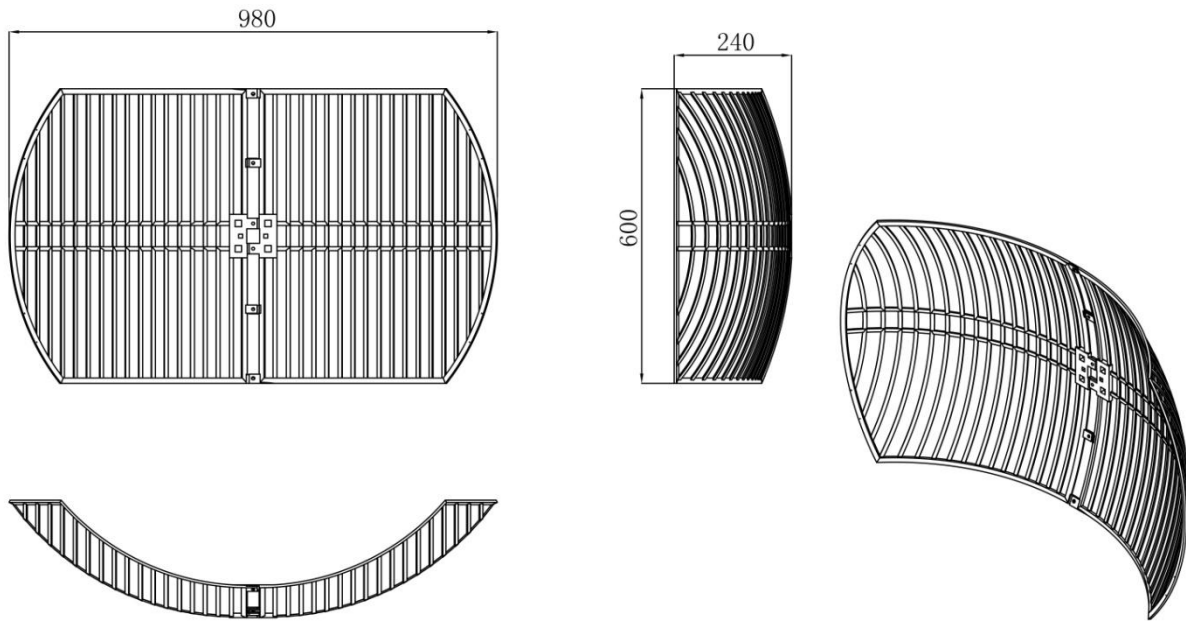


Add:No.11 GuangMing new RD, DongCheng area, DongGuan City, China
Tel: +86 - 769-22333955 **Fax:** +86 - 769-22000020
E-mail:xingyue@xytx86.com **Website:**<http://xytx86.com>



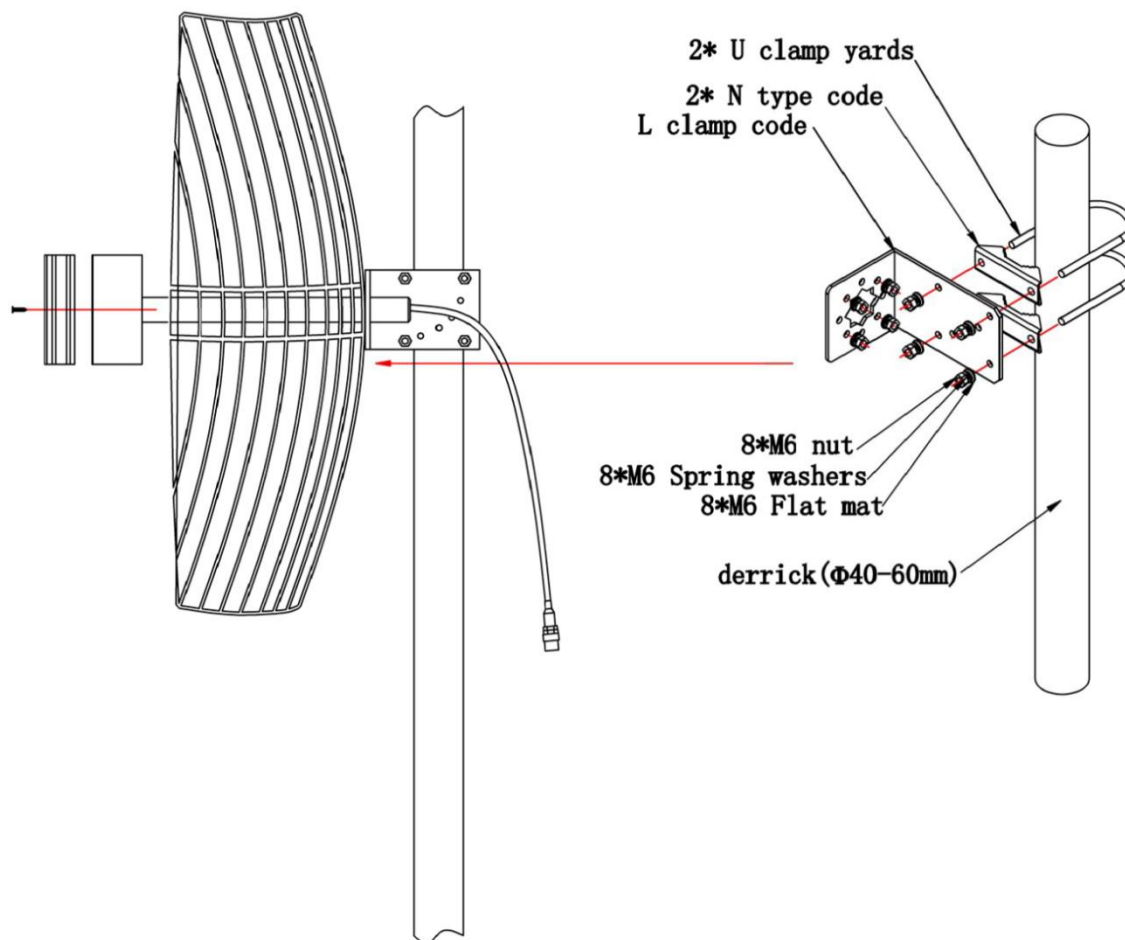
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Product Diagram:

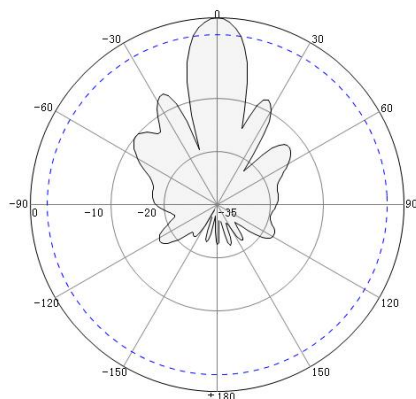


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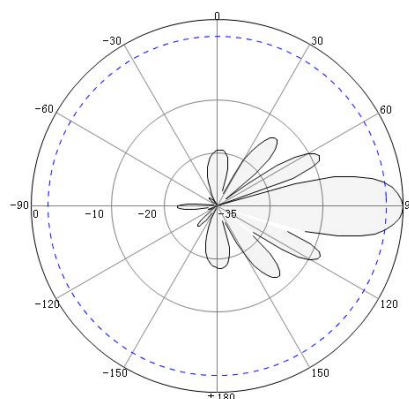
Installation Guide:



Directional Pattern:



2100MHz- Horizontal Pattern



2100MHz- Vertical Pattern