



# XingYue Communication Technology Co.,Ltd.

Product Name: Panel Antenna

Product Model: XY121601

## Electrical Specifications

|                      |                         |              |
|----------------------|-------------------------|--------------|
| Frequency Range      | 800-960MHz              | 1710-2700MHz |
| Polarization Type    | Vertical and Horizontal |              |
| Gain                 | 11±1dBi                 | 11±1dBi      |
| VSWR                 | ≤1.5:1                  | ≤1.7:1       |
| Horizontal Beamwidth | 65° ±5°                 | 63° ±10°     |
| Vertical Beamwidth   | 35° ±3°                 | 32° ±5°      |
| Front-to-back Ratio  | ≥23dB                   | ≥25dB        |
| Isolation Between    | ≥26dB                   | ≥26dB        |
| Input Impedance      | 50 Ω                    |              |
| Max power            | 100W                    |              |
| Lightning Protection | DC Ground               |              |

## Mechanical Specifications

|                            |                                |
|----------------------------|--------------------------------|
| Connector Type             | 2*N Female                     |
| Dimensions (L*W*H)         | 650*285*90mm (25.6*11.2*3.5in) |
| Radiating Element Material | Aluminum                       |
| Reflector Material         | Aluminum                       |
| Weight                     | 5.5kg                          |
| Radome Material            | UPVC                           |
| Radome Color               | Gray                           |
| Mounting Pole              | Φ40~75mm                       |
| Operating Temperature      | -40°C~60°C                     |
| Max Wind Velocity          | 200 km/h                       |

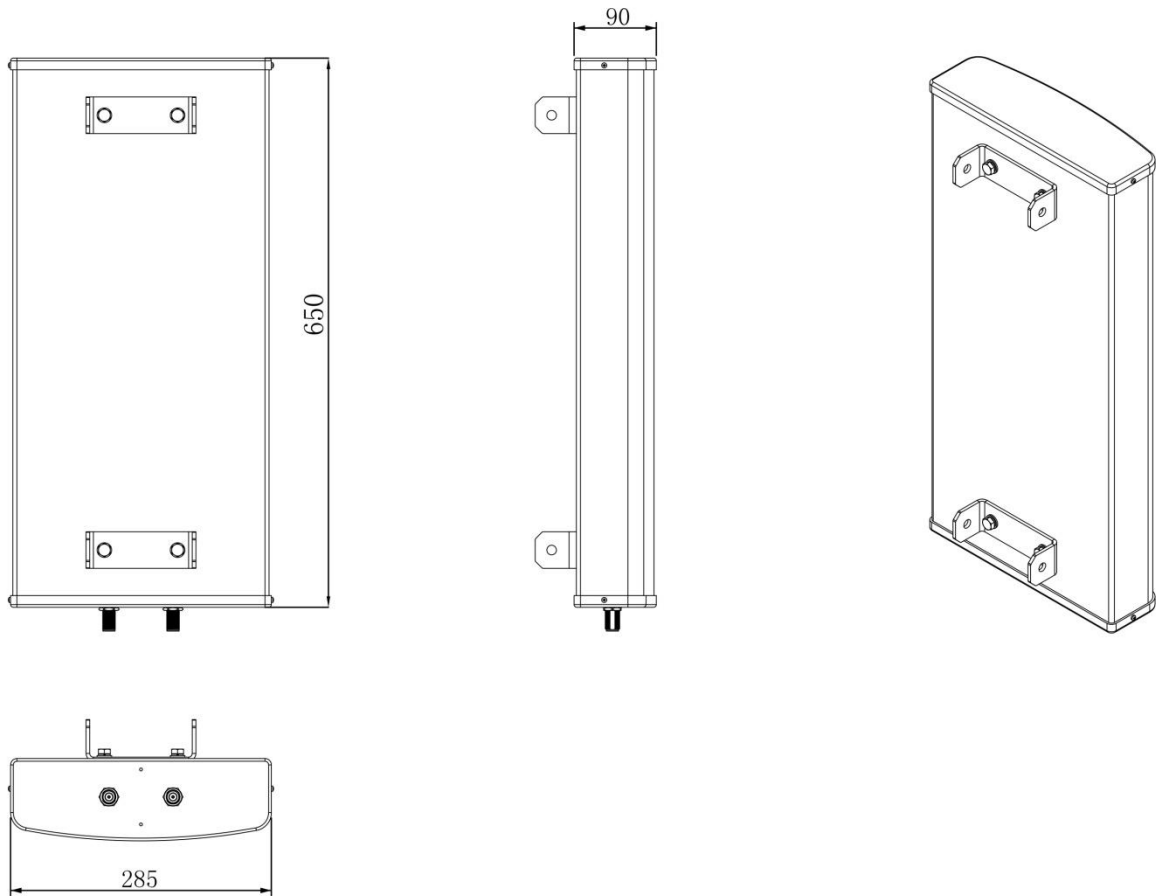


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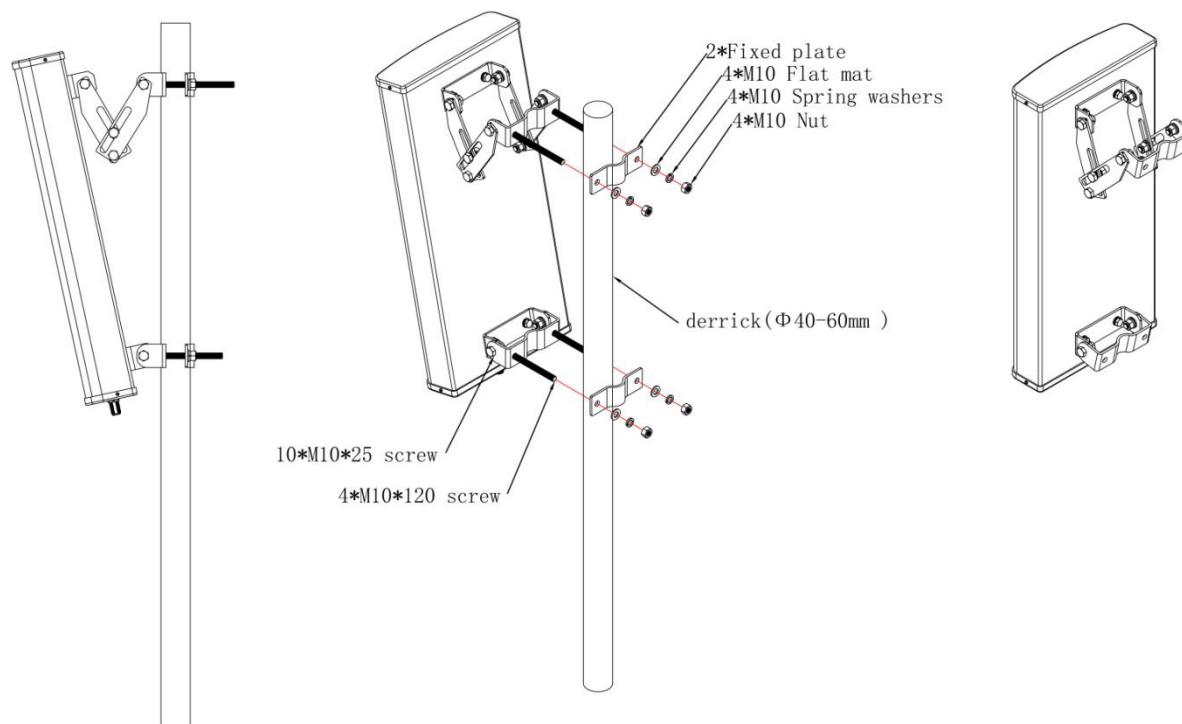
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## Product Diagram:

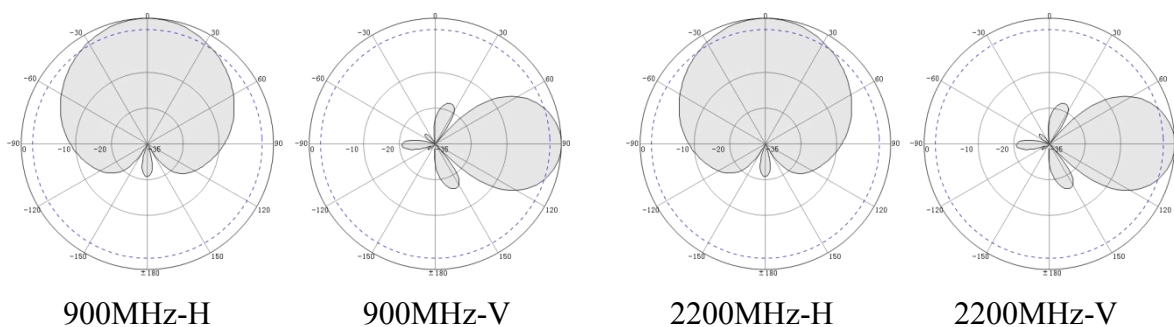


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## Installation Guide:



## Directional Pattern:



PS:

H: Horizontal Pattern

V: Vertical Pattern