



# XingYue Communication Technology Co., Ltd.

**Product Name: Panel Antenna**

**Product Model: XY221901**

| Electrical Specifications  |                         |              |
|----------------------------|-------------------------|--------------|
| Frequency Range            | 2400-2500MHz            | 5150-5850MHz |
| Polarization Type          | Vertical / Horizontal   |              |
| Gain                       | 13±1dBi                 | 17±1dBi      |
| VSWR                       | ≤1.5:1                  | ≤1.7:1       |
| Horizontal Beamwidth       | 35°±5°                  | 38°±5°       |
| Vertical Beamwidth         | 32°±5°                  | 18°±5°       |
| Front-to-back Ratio        | ≥22dB                   | ≥25dB        |
| Input Impedance            | 50Ω                     |              |
| Max Power                  | 50W                     |              |
| Lightning Protection       | DC Ground               |              |
| Mechanical Specifications  |                         |              |
| Connector Type             | 2*N Female              |              |
| Dimensions (L*W*H)         | 305*305*25mm(12*12*1in) |              |
| Radiating Element Material | Aluminum                |              |
| Reflector Material         | Aluminum                |              |
| Weight                     | 1.8kg                   |              |
| Radome Material            | UABS                    |              |
| Radome Color               | White                   |              |
| Mounting Pole              | Φ40~65mm                |              |
| Operating Temperature      | -40°C~60°C              |              |
| Max Wind Velocity          | 200 km/h                |              |

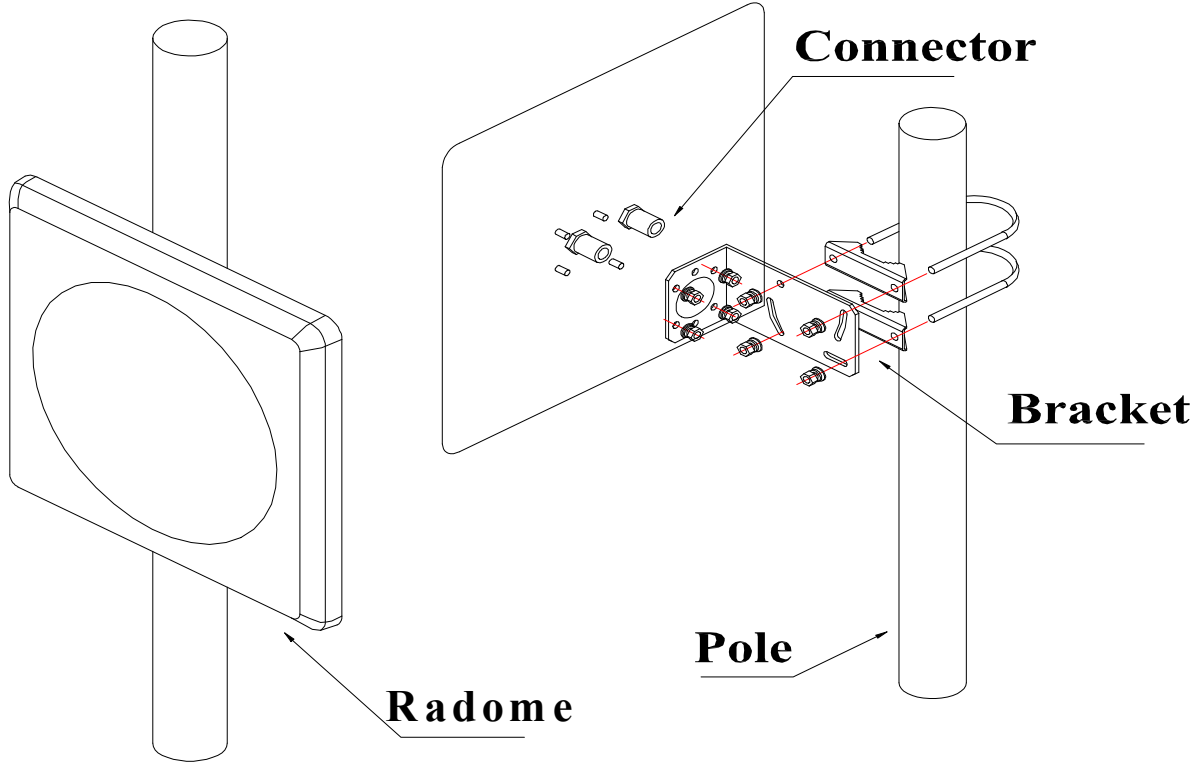


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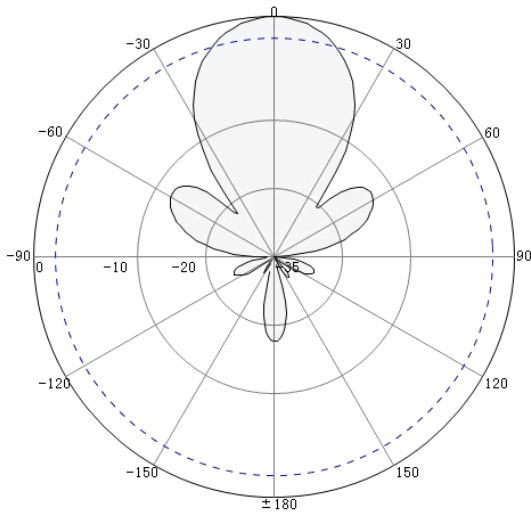


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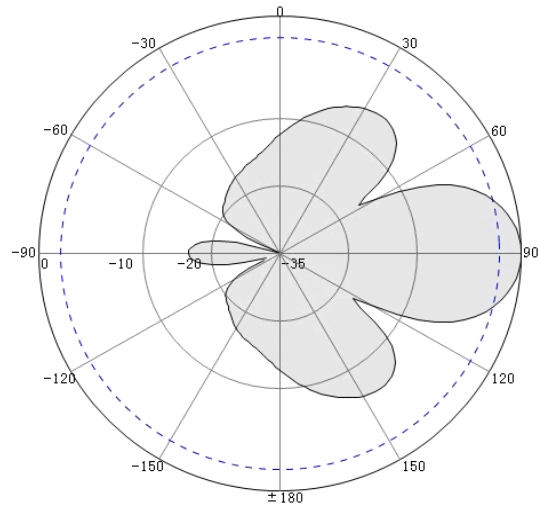
## Installation Guide:



## Directional Pattern:



Horizontal Pattern



Vertical Pattern