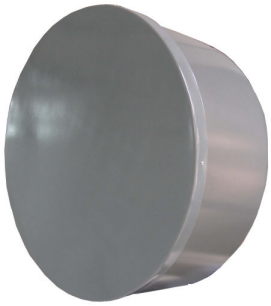
# KBTMW72P06

## Microwave Parabolic Antenna

# Technical Sheet



Note:The picture is for reference only,
please kindly consult with the real product.

## Specifications

| | |
|---|---|
| Model | KBTMW72P06 |
| Freq.Range (GHz) | 7.25～8.50 |
| Gain (dBi) | 30.8 |
| Beamwidth (° ) | 4.5 |
| F/B ratio (dB) | ≥52 |
| VSWR | ≤1.3 |
| InputImpedance(Ω) | 50 |
| Polarization | Vertical or horizontal |
| Cross-polar Discrimination (dB) | 30 |
| Input interface | PBR84 |
| Antenna Diameter (cm) | Φ60 |
| Antenna weight(kg) | 12 |
| Azimuth adjustment (° ) | 360 |
| Elevation adjustment (° ) | ±10 |
| Workinghumidity (℃) | -40 to +60 |
| Rated Wind Velocity | working:125km/h; max:200km/h |
| Ice thickness (mm) | ≥10 |
| Mast Diameter (mm) | Φ50～114 |

## Applications

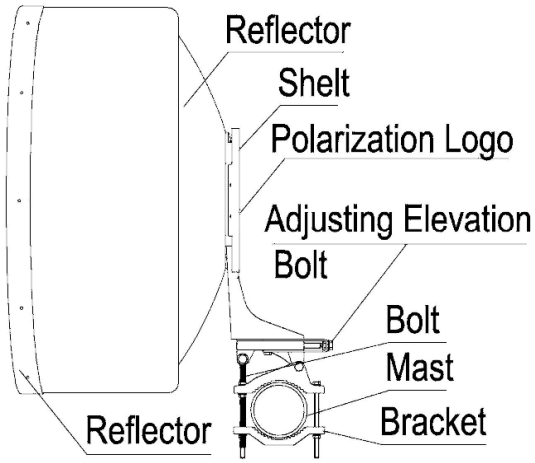
- Microwave radio relay communication
- Point-to-point data link
- Mobile communication base station microwave transmission

## Features

- High gain, Low VSWR, in favor of beam transmission
- High front-to-back ratio, small interference, reliable performance
- High frequency ,high channel capacity
- high-strength aluminium alloy reflecting surface, high anti-wind capability
- With anti-aging coating and protective cover，it effectively protect the radiator and reflection ,and improve the protective ability.
- Can be vertically or horizontally installed、Polarization can be changed for convenience

With adjustable angle mounting, it can adjust the elevation roughly and nicely. Allocate precisely for convenience

## Installation Sketch




**Installation Instruction**：1、Assemble the feeder to the installation bracket, and adjust the polarization mark of feeder and installation bracket. 2、Install the antenna on the holding pole with the mounting kids，adjust the direction，tighten the nut，makes the antenna fixed around the holding pole（Note：the side with osculum around the reflector should be downward）.3、Adjust direction、elevation and nut，make the antenna aim at the direction that with maximal signal and require to cover. 4、Aim at the waveguide end of antenna and equipment，fix the equipment to the installation bracket, and be careful of water and moisture resistant .