TDJ-5158P12A×2

5GHz Dish Antenna

Technical Sheet

Applications

- 5.1GHz/5.5GHz/5.8GHz WLAN
- 5GHz WiMax System
- Wireless Bridge

Features

- High Gain, Good F/B
- High Precise Parabolic Dish
- UV-Coated Aluminium Alloy
- V/H Dual Polarization
- Standard Mounting Kits

Specifications

Model	TDJ-5158P12A×2
Freq. Range-MHz	5150～5850
Bandwidth-MHz	700
Gain-dBi	34
Ver. Beamwidth-°	3
Hor. Beamwidth-°	3
F/B Ratio-dB	≥40
Isolation-dB	≥28
VSWR	≤1.5
Impedance-Ω	50
Polarization	Vertical and Horizontal
Max. Power-W	100
Connector Type	N Female/N Female
Caliber Size-m	ϕ1.2
Weight-Kg	20
Pole Diameter-mm	ϕ50～75

Mounting and Adjusting

1. Ensure of the installation position and polarization first before install. Then follow steps below.
2. Mounting Steps.
2．1 Install the mounting pole.
2．2 Join the bracket with the reflector.
2．3 Install the feed before mast the antenna to the mounting pole. Insert the trail of the feed into the middle of the dish and adjust the polarization direction according to the polarization arrow.
2．4 Join the antenna with the mounting pole by using the U bolt or plate.
2．5 Install the azimuth angle adjusting pole.
3. Adjusting Steps
3．1 Loosen the screw of the pitching adjusting pole, use the pitching adjusting pole to debug the pitching angle.
3．2 Loosen the U bolts of mounting pole, use the azimuth adjusting pole to debug the azimuth angle.
3.3 Stop Adjusting when receiving the biggest signal, then fasten all the fasteners.
4. Remarks
4．1 Please protect the antenna and the feed from bumping during portage.
4．2 Must use the waterproof tapes on the joint for cables and wave-guides.
4．3 After debugging the antenna, please screw down all the firmware to ensure of the transmitting performance.
4．4 Make some change according to the practical situation.

Kenbotong Technology Co., Ltd.

Addr :NO.2 Chanxiu Road ,Foshan city,Guangdong China Code:528061
Tel: 86(757)8202-5597, 8221-9788 Fax : 86(757)8221-2072,8802-2808
Email: kbt@kenbotong.com web: http://www.kenbotong.com

Kenbotong Technology Co., Ltd.

Addr :NO.2 Chanxiu Road ,Foshan city,Guangdong China Code:528061
Tel: 86(757)8202-5597, 8221-9788 Fax : 86(757)8221-2072,8802-2808
Email: kbt@kenbotong.com web: http://www.kenbotong.com