



Directional Parabolic Antenna



- Model: FTD-8012PW3640VH09A
- Name: Directional Parabolic Antenna
- Freq.Range: 8 to 12GHz
- Communications system: IEEE521-2002 X
- Application scenario: Space research,
Satellite communication

Tip: Pictures are for reference only.
Please refer to physical objects.

Electrical Specifications	
Freq.Range-GHz	8 to 12
Bandwidth-GHz	1
Polarization	Vertical or Horizontal
Low.Gain-dBi	36
Top.Gain-dBi	40
Half-power beam width-°	H:2.08 E:2.08
F/B-dB	≥ 62
Cross-pol. Discrimination_XPD-dB	≥ 30
Impedance-Ω	50
VSWR	≤ 1.3
Max.Power-W	100

Mechanical Specifications	
Connector	PBR100
Connector Position	Black
Diameter-M	About Φ0.9
Radome material	Aluminium alloy
Radome color	Cool Gray
Azimuth Adjustment-°	Coarse :360° Fine : ±15 °
Elevation Adjustment-°	Coarse : ±25° Fine : ±15 °
Ice-load-MM	About 25.4
Operational Temperature-°C	-40 to 65
Storage Temperature-°C	-55 to 85
Relative Humidity-%	5 to 95
Wind Velocity Survival Rating-KM/H	200
Packaging	Wood gird
Mast Diameter-MM	About Φ114
Gross weight-KG	About 50



Installation Demonstrations

