

High Performance Dual Polarization Panel Antenna for TV White Space Band

Features and Product Description

- UHF & TV Whitespace Spectrum
- Low VSWR
- All Weather Operation
- High Gain
- RoHS Compliant

Electrical Specifications

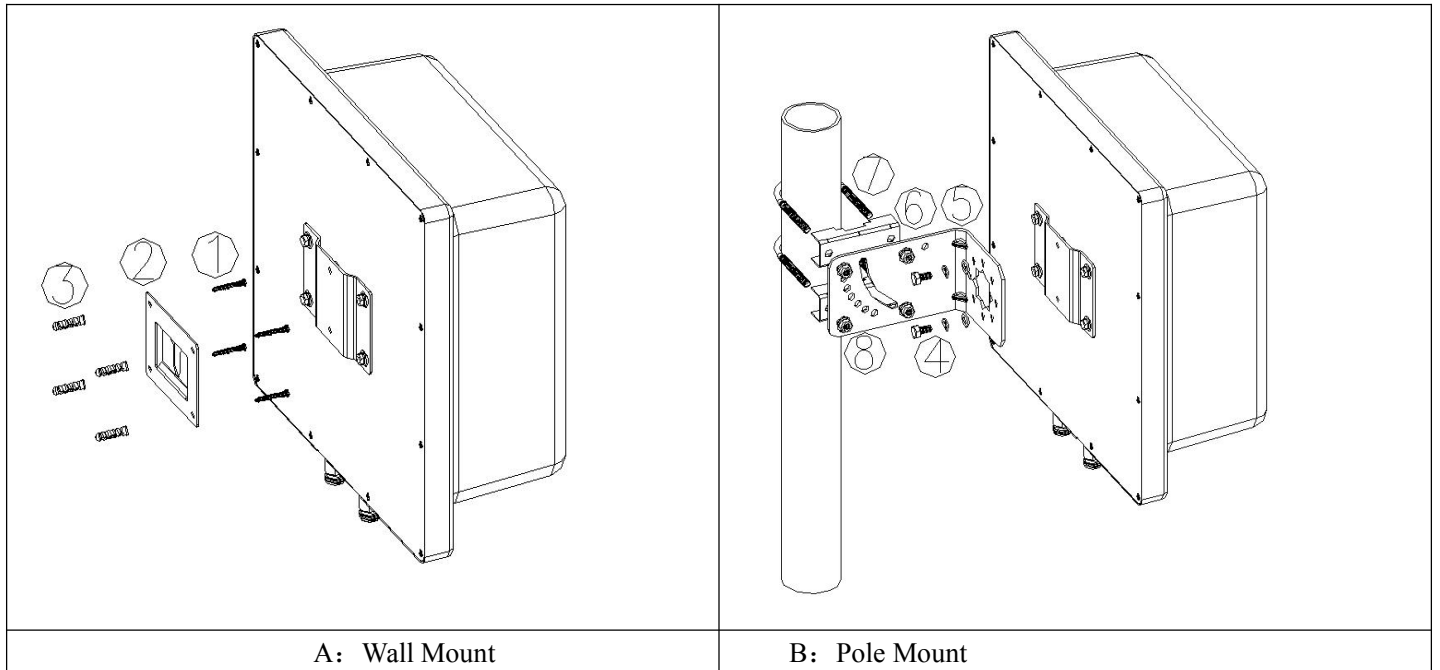
Frequency Range (MHz)	470-698
Horizontal Half-power Beamwidth (°)	90±10
Vertical Half-power Beamwidth (°)	65±10
Gain (dBi)	7
VSWR	≤2.0
Front-to-back ratio (dB)	≥20
Isolation (dB)	≥25
Polarization	±45°
Average Power, Maximum (W)	20
Impedance (Ω)	50



Mechanical Specifications

Dimensions (mm)	300×300×133
Net Weight (with installation kit) (kg)	1.75
Radome Material	ABS
Radome Color	White
Application	Outdoor
Operating Temperature (°C)	-40 to +60
Humidity (%)	5 to 95
Connector	N Female (2×)
Mounting Accessories Included	Pole Mount Bracket
Mounting Mast Diameter (mm)	40 to 50

Mounting Style



Contents of Accessories

Item No.	Description	Quantity
1	Screws ST4.2×25	4
2	Supporting plate	1
3	Plastic Expanding Tube	4
4	M6×12 Hex bolts	2
5	L bracket	1
6	Mounting clamps	2
7	U blot	2
8	M6 hex nuts	4