

High Performance Dual Polarization Panel Antenna for TV White Space Band

Features and Product Description

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

Electrical Specifications

Frequency Range (MHz)	470-698
Horizontal Half-power Beamwidth (°)	90±10
Vertical Half-power Beamwidth (°)	17±5
Gain (dBi)	14
VSWR	≤1.5
Front-to-back ratio (dB)	≥15
Isolation (dB)	≥22
Polarization	±45°
Average Power, Maximum (W)	100
Impedance (Ω)	50

Mechanical Specifications

Dimensions (mm)	1820×305×155
Packing Dimension (mm)	2000×360×190±5
Net Weight (with installation kit) (kg)	12.8
Radome Material	UV Resistant PVC
Radome Color	Gray
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)	50 to 75

