



9 dBi 470MHz-698 MHz Panel Antenna for TV White Space (White-Fi)

Operates within 470-698 MHz frequency ranges with 9dBi gain
 Includes 2 N-Female (N plug) connectors
 Adjustable pipe mount brackets
 Ideal for TV White Space (White-Fi) application

Electrical Specification

Frequency Band	470-698 MHz
Gain	9.0 dBi
Polarization	Horizontal/Vertical
Vertical HPBW	70 deg
Horizontal Squint	±2 deg
Horizontal HPBW	75 deg
Electrical Downtilt	<1 deg
Front-to-Back Ratio @ 180°±30°	20 dB
Cross-polarization Ratio Over HPBW	15 dB
VSWR	2.0
Return Loss	14 dB
Port-to-Port Isolation	25 dB
Max. Input Power per Port	50W
Impedance	50 Ohms

Mechanical Specification

RF Connector Type	N-Type Female
RF Connector Quantity	2
RF Connector Position	Back of reflector
Electrical Grounding	RF connector grounded to reflector and mounting bracket
Radome Material	UV Resistant ABS
Ingress Protection	IP55 rain and dust resistant
Max. Wind Speed	210km/h 130mph

Bracket Specifications

Material Type	Powder Coated Galvanized Steel
Mechanical Tilt	±15 deg
Mounting Type	Pipe Mount/Wall Mount
Mounting pole diameter	30 mm – 90 mm 1.2 in – 3.5 in

Item Dimensions

Length	348 mm
Width	348 mm
Height	130 mm
Net Weight(with brackets)	1.5 kg

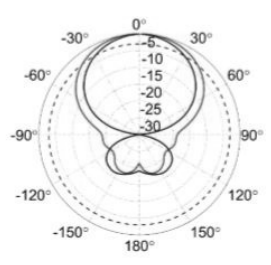


Shipping Dimensions

Length	380 mm
Width	380 mm
Height	200 mm in
Net Weight(with brackets)	1.6 kg

Graphical Data

Horizontal Azimuth Pattern



Vertical Elevation Pattern

