

WNEPB5012H

2400-2500 & 5150-5850MHz 12 / 13dBi Dual Polarization MIMO Panel Antenna

Electrical Specifications

Frequency Range (MHz)	2400-2500 / 5150-5850	2400-2500 / 5150-5850
Horizontal Half-power Beamwidth (°)	50 / 40	45 / 28
Vertical Half-power Beamwidth (°)	45 / 28	50 / 40
Gain (dBi)	12 / 13	12 / 13
Polarization	Vertical (4×)	Horizontal(4×)
VSWR	≤2.0	≤2.0
Front to Back Ratio (dB)	≥18 / ≥25	≥18 / ≥25
Isolation (dB)	≥28	
Average Power, Maximum (W)	20	
Impedance (Ω)	50	

Mechanical Specifications

Dimensions (mm)	370×370×25
Net Weight (kg)	2.1 (installation kit included)
Radome Material	UV Resistant ABS
Radome Color	White
Cable Type	RG58
Cable Length (cm)	92 (8×)
Connector	RPSMA Male (8×)

Environmental Specifications

Application	Outdoor
Operating Temperature (°C)	-40 to +70 (-40 to 158°F)
Humidity (%)	5 to 95
Survival Wind Velocity (km/h)	200

Mounting Specifications

MOUNTING BRACKETS ARE INCLUDED UNLESS OTHERWISE SPECIFIED

Mounting Mast Diameter (mm)	Φ 40 to 50
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Special Note

EACH PORT OF THIS ANTENNA IS COVERING BOTH 2.4 AND 5GHZ BANDS.



WIFI ANTENNAS
Panel