

Indoor Directional Wall Mounted Antenna

IWH-080V08NZ / IWH-080V08Z-Q

Low PIM(-153dBc), 698-4000MHz, N-Female & 4.3-10 Female

- Wideband design covering 698-4000MHz
-2G/3G/4G network and CBRS band covering
- Suitable for indoor application
- Compact and cost-effective design



Electrical Specification

Product Model	IWH-080V08NZ / IWH-080V08Z-Q				
Frequency (MHz)	698-806	806-960	1695-2180	2200-2700	3400-4000
Gain (dBi)	5.0 ± 1.0	6.0 ± 1.0	7.0 ± 1.0	7.5 ± 1.0	8.5 ± 1.0
Polarization	Vertical				
Beamwidth Horizontal (°)	80	80	65	60	55
Beamwidth Vertical(°)	73	70	60	60	30
VSWR	≤ 1.8	≤ 1.8	≤ 1.8	≤ 1.8	≤ 1.8
PIM (dBc)	< -153 @ 2 x 43dBm				
Average Power, max (W)	50				
Impedance (ohm)	50				

Mechanical Specification

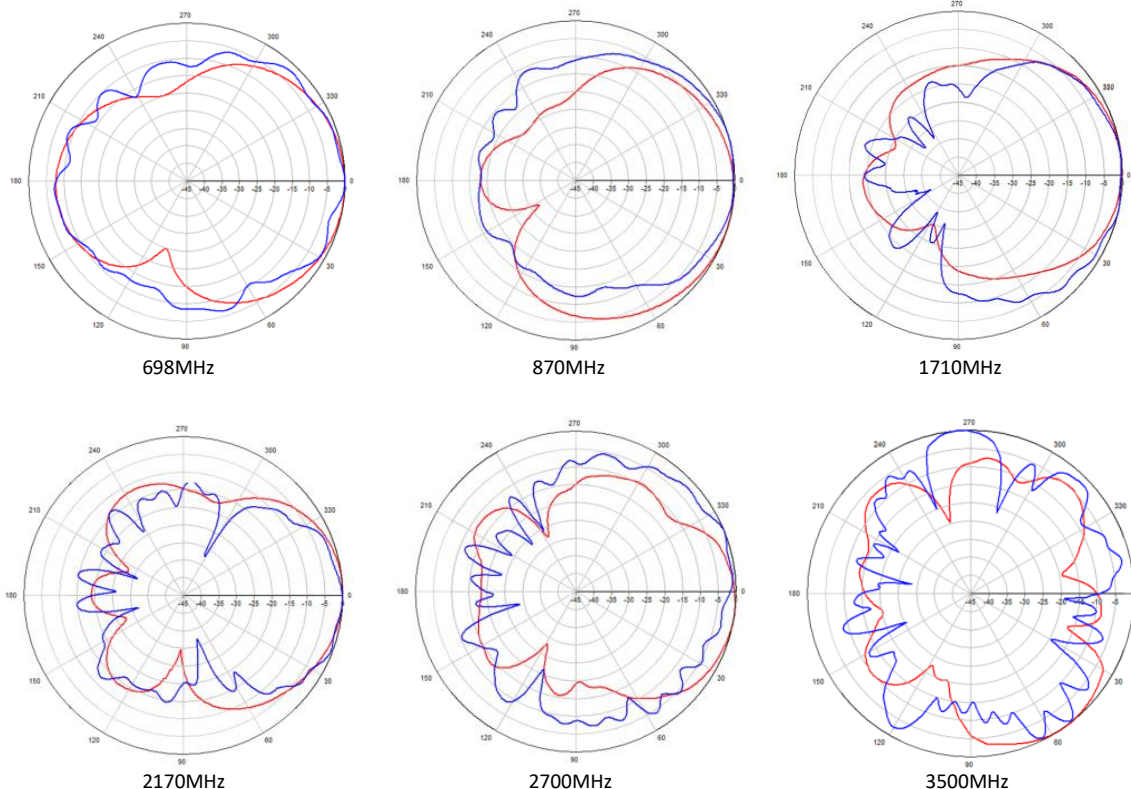
Dimension Diameter, height (in/mm)	7.1x6.7x2.4 / 180x170x60
Weight w/o mounting kit (lb/kg)	0.8 / 0.37
Shipping Dimension(in/mm)	9.1x7.5x2.8 / 230x190x70
Shipping Weight(lb/kg)	1.0 / 0.46
Radome Material & color	ABS, white, RAL9003
Connector type	N-Female (IWH-080V08NZ)/4.3-10 Female (IWH-080V08Z-Q)
Mounting	Wall Mount Option: MT-ND-AR (Articulating Mounting Bracket)

Environment & Compliance

Application	Indoor
Operating Temperature	-40°C to +70°C
Relative Humidity	Up to 95%
RoHS	Compliant

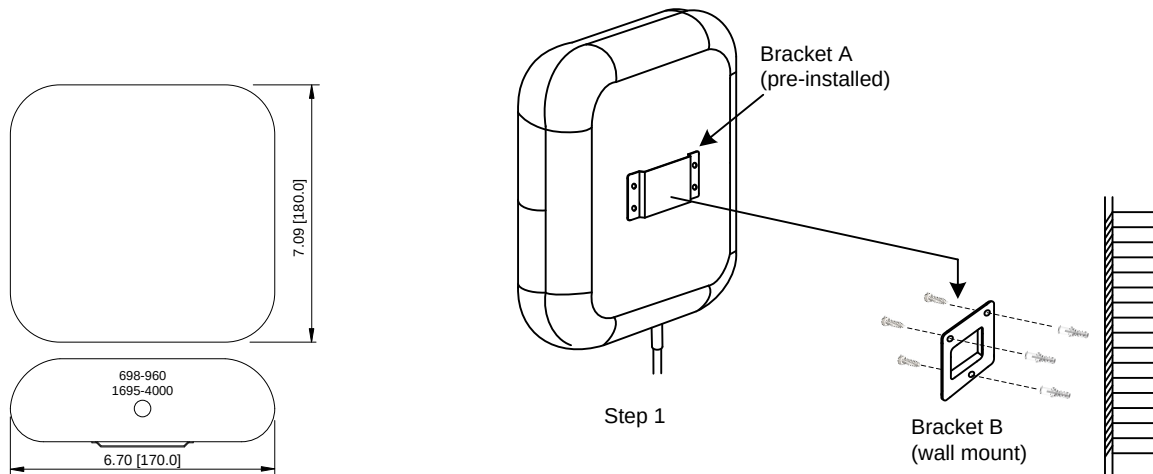
Antenna Pattern

— Horizontal — Vertical



Outline Drawing and Installation Guide

1. Standard Installation



2. Optional Installation

Mounting Bracket: MT-ND-AR. Please refer MT-ND-AR Installation Instruction

