

Indoor Wide Band Omni Antenna

IXL-YJN-H4PU

380-2700MHz, N-Female, Low Profile

- Omni-Directional Wideband Antenna (380–2700 MHz)
- Covers UHF/700/ 800MHz Public Safety Band and Cellular networks
- Low-profile form factor designed for indoor applications
- Compact ceiling-mount design for discreet installation and cost-effectiveness
- Meets UL-94-V0 flammability rating for enhanced safety compliance



Electrical Specification

Product Model	IXL-YJN-H4PU		
Frequency (MHz)	380-520	698-960	1695-2700
Gain (dBi)	3.4 ± 1.0	3.5 ± 1.0	4.5 ± 1.0
Polarization	Horizontal		
Beamwidth Horizontal (°)	360		
VSWR	≤ 2.0	≤ 2.0	≤ 2.0
Average Power, max (W)	50		
Impedance (ohm)	50		

Mechanical Specification

Dimension Diameter, height (in/mm)	Ø 10.5x 0.7 / Ø 266 x 18
Weight (lb./kg)	0.9 / 0.4
Shipping Dimension(in/mm)	11.0x10.8x3.9 / 280x275x100
Shipping Weight(lb./kg)	1.6/ 0.7
Radome Material & Color	ABS, White, RAL9003
Flammability	UL-94-V0
Mounting/Connector type	Ceil Mount, N-female Option: High Ceiling or Joist mount bracket (MT-ND-HC)

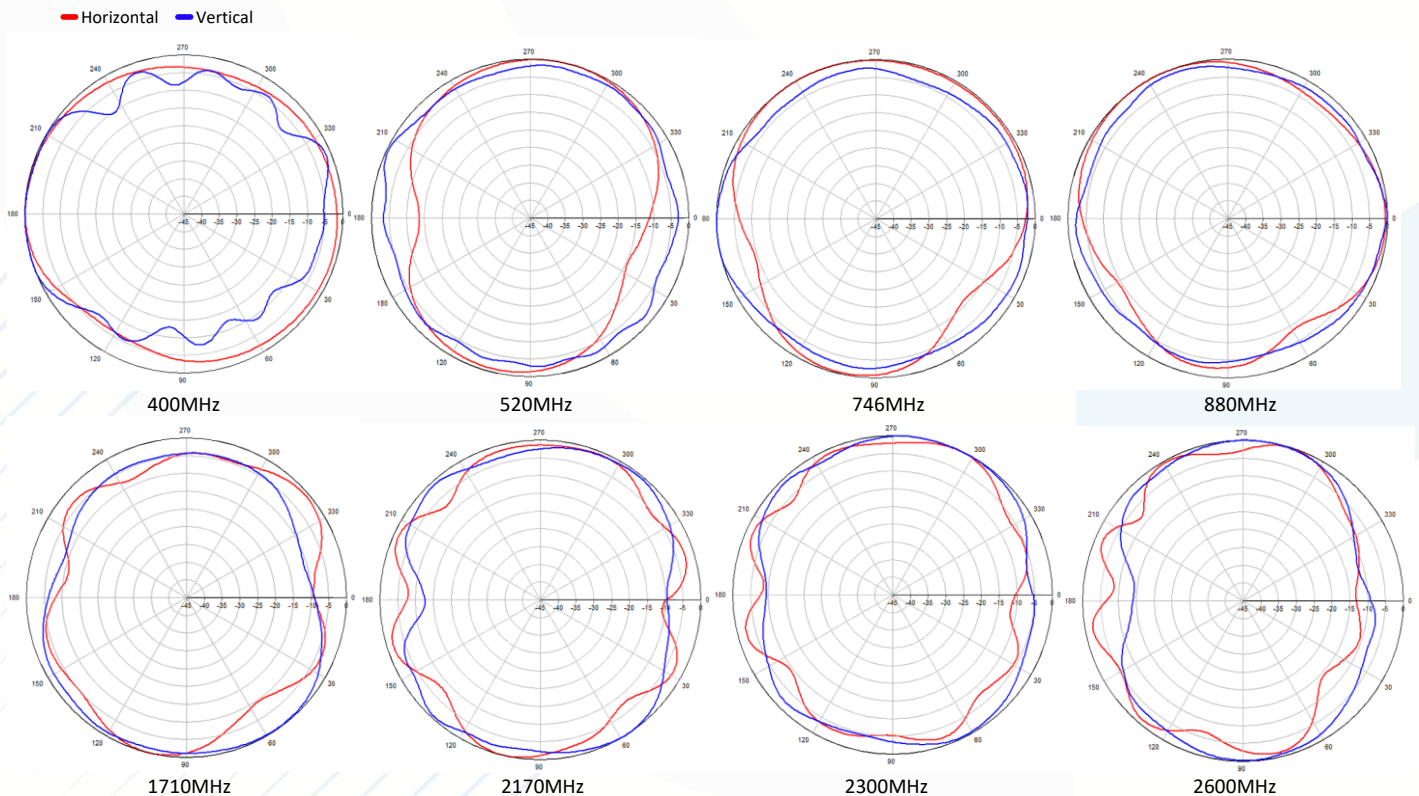
Environment & Compliance

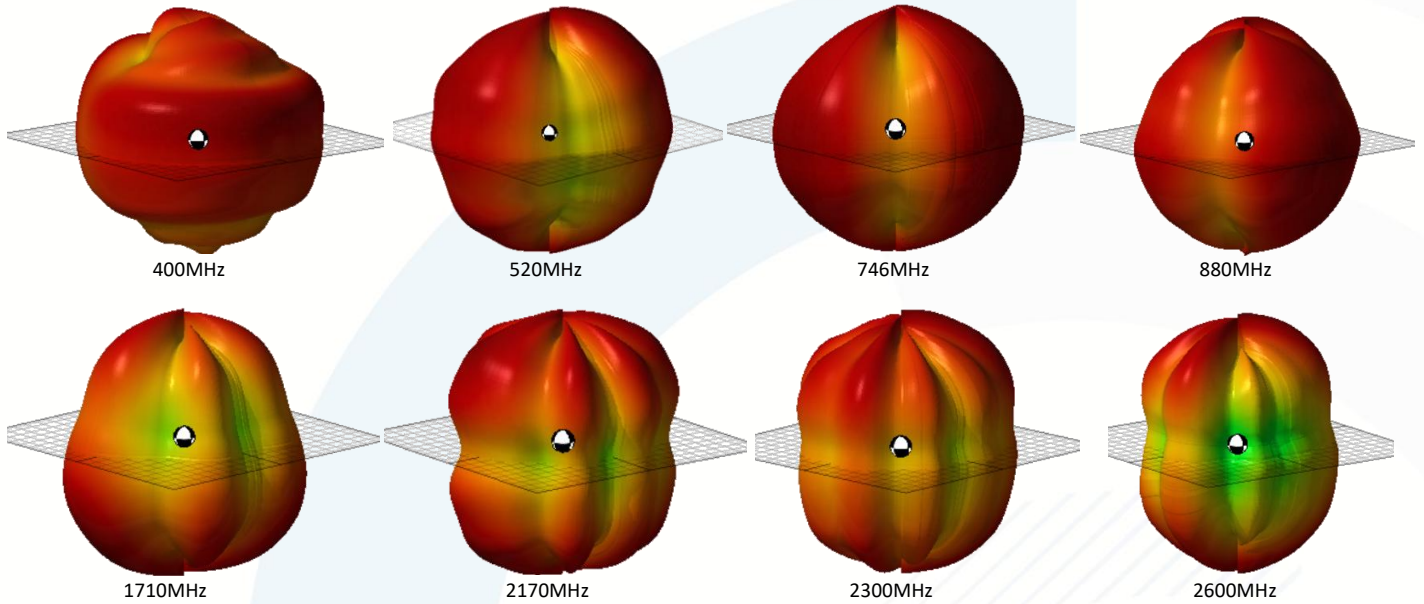
Application	Indoor
Operating Temperature	-55°C to +70°C
Relative Humidity	Up to 95%
RoHS	Compliant
Environment	IP54*

*Note: Recommended for indoor application and the antenna can be used “outdoor garage rated”.

*Note: Not recommended for use with metal J boxes. Plastic or fiberglass J boxes are acceptable.

Antenna Pattern





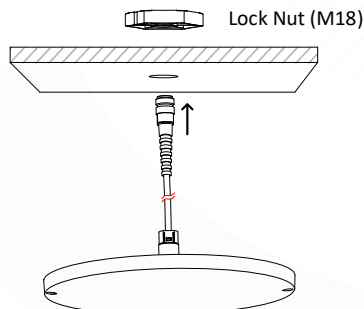
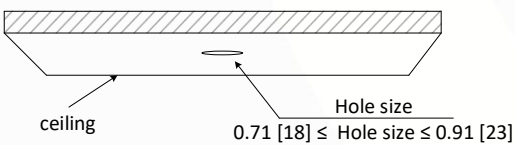
Mechanical Drawing and Installation Guide

1. Standard Installation

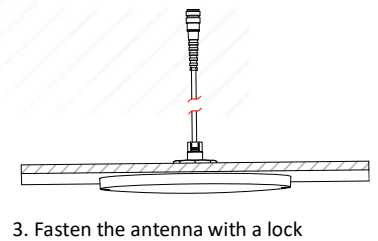
Method 1

1. Drill a hole in the ceiling using a drill machine

Inches [mm]



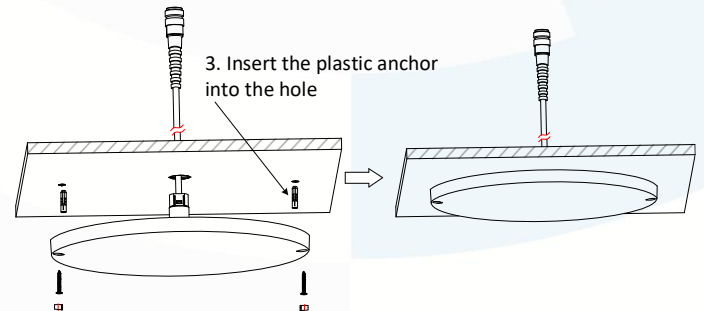
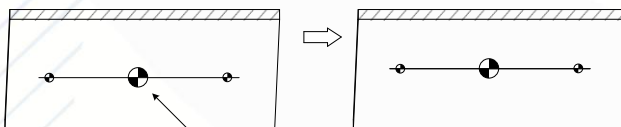
2. Feed the antenna pigtail through the hole



Method 2

1. Measure the distance for each hole location and mark the three drill hole locations. Use a pencil or marker to clearly indicate the spots before drilling

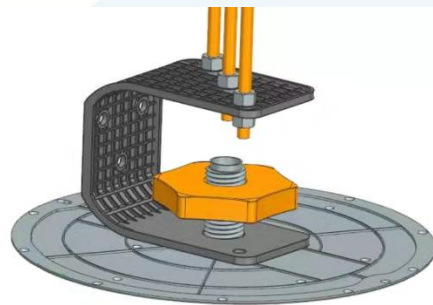
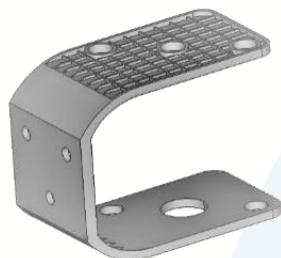
2. Drill three holes in the location indicated



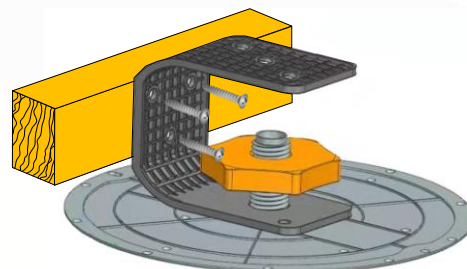
4. Fasten the screw, then put the lid in place

2. Optional Installation

Mounting Bracket: MT-ND-HC. Please refer to MT-ND-HC Installation Instruction



High Ceiling Mounting



Joist Mounting