



# Indoor Camouflage VHF Low-profile Antenna

## IXL-EYN-H3P

VHF Low-Profile, 134-176/340-570/617-960MHz, N-Female, UL-94-V0 rated

- VHF omni-Antenna covering 134-176/ 340-570/ 617-960MHz (VHF/UHF/700/800 Public Safety)
- Low-profile and suitable for indoor application
- Camouflaged Ceiling Mounting antenna designed, 22"x22" suitable for standard ceilings

### Electrical Specification

Product Model	IXL-EYN-H3P		
Frequency (MHz)	134-176	340-570	617-960
Gain (dBi). Typical	1.9	2.7	2.1
Polarization	Horizontal		
Beamwidth Horizontal (°)	360		
VSWR. Typical	2.2	1.8	1.5
Average Power, max (W)	50		
Impedance (ohm)	50		

### Mechanical Specification

Dimension Diameter, height (in/mm)	22.0x22.0x0.06 / 559.0x559.0x1.5
Weight (lb./kg)	2.5 / 1.1
Shipping Dimension(in/mm)	24.0x24.0x2.0 / 610.0x610.0x50.0
Shipping Weight(lb./kg)	4.0 / 1.8
Material & color	White
Flammability	UL-94-V0
Mounting/Connector type*	Ceiling Mount, N-female, Plenum Rated cable, 1 foot long Option: High Ceiling or Junction Box installation (MT-ND-EY)

### Environment & Compliance

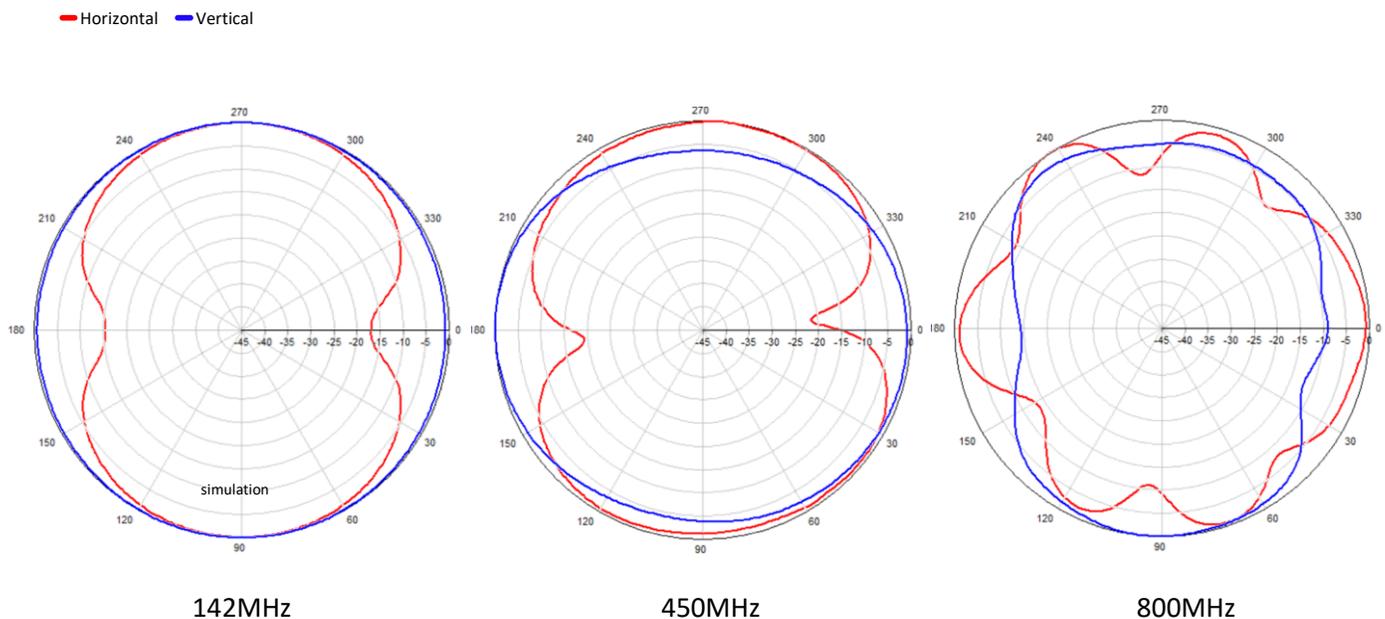
Application	Indoor
Operating Temperature	-55°C to +70°C
Relative Humidity	Up to 95%
RoHS	Compliant
Environment	IP-54*

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

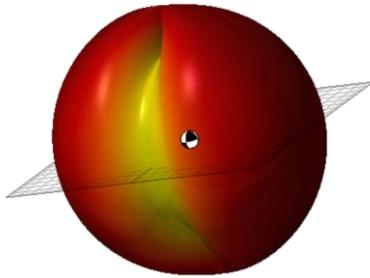
\*Note: Not recommended for use with metal J boxes directly. Plastic or fiberglass J boxes are acceptable.

\*Note: For metal J box installation, recommended to install the antenna with MT-ND-EY as spacer.

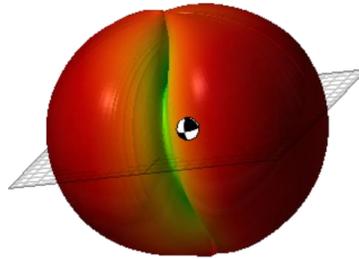
### Antenna Pattern



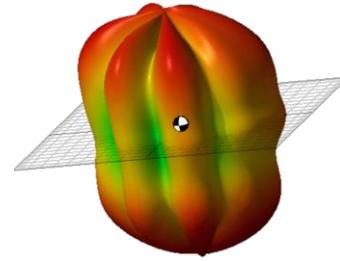
**Outline Drawing & Installation Instruction**



142MHz



450MHz

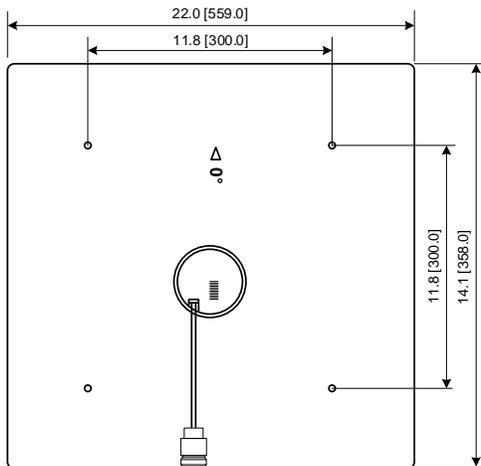


800MHz

**Installation**

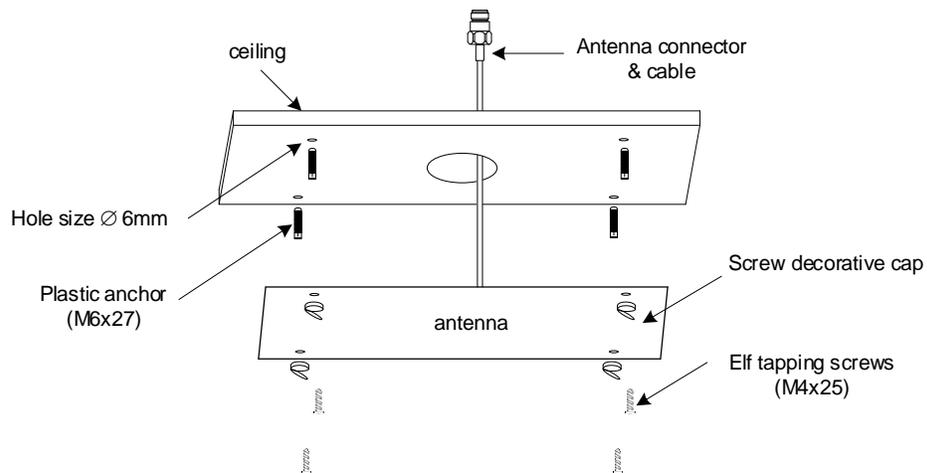
**1. Standard Installation**

Unit: inches [mm]



**Installation**

1. Drill four 1/4" (Ø6mm) mounting holes on the ceiling.  
Please refer the drawing
2. Insert plastic anchors(M6) in the holes
3. Insert mounting plastic screw caps on the antenna mounting holes
4. Locate the antenna on the four mounting holes on the ceiling
5. Insert screws and then tighten the screws.  
Once completely tighten the screws, push plastic screw caps to cover the screw head



**2. Optional installation**

For Junction box installation.

Please refer to MT-ND-EY (UL-94-V0 rated) installation instructions.

