



### DIRECT MOUNT 5 dBi VERTICALLY POLARIZED OMNI

Laird Technologies' OC24005 is a 2400- 2500 MHz omnidirectional, collinear, vertically polarized array especially designed to complement interior or exterior mounted wireless network systems. An integrated RF connector is imbedded in the antenna base cap for direct AP mounting. Special venting permits either upright or inverted orientation in outdoor locations. The antenna may also be pole mounted when separation from the AP is required for optimum positioning.

### FEATURES

- Vertically polarized omnidirectional
- Indoor/outdoor usage
- Rugged, lightweight and water resistant
- Direct to radio mounting
- Conformance to RoHS

### MARKETS

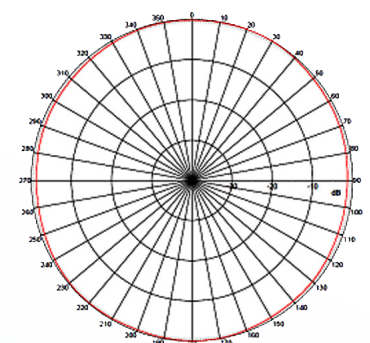
- Offices, hotels and college campuses
- Airports and hospitals
- Bus terminals and train stations
- Museums, libraries and retail malls
- Wi-Fi Hot Spots
- Cellular off-loading

| Parameter                       | Performance                                                       |
|---------------------------------|-------------------------------------------------------------------|
| Frequency                       | 2400-2500 MHz                                                     |
| Gain (dBi)                      | 5 dBi                                                             |
| VSWR                            | 1.7:1                                                             |
| Nominal Impedance               | 50Ω                                                               |
| Polarization                    | Linear, Vertical                                                  |
| Azimuth Typical 3dB Beamwidth   | Omnidirectional                                                   |
| Elevation Typical 3dB Beamwidth | 30°                                                               |
| Input Power                     | 50W                                                               |
| RF Connector                    | Model Specific                                                    |
| Radome Material                 | Polycarbonate, UV White                                           |
| Mounting                        | Connector Fixed or Mast Mount Kit (Upright/Inverted Orientations) |
| Operational Temperature         | -30°C to +70°C                                                    |
| Storage Temperature             | -40°C to +85°C                                                    |
| Dimensions (height x OD)        | 297 x 32 mm                                                       |
| Weight                          | 0.14 kg                                                           |

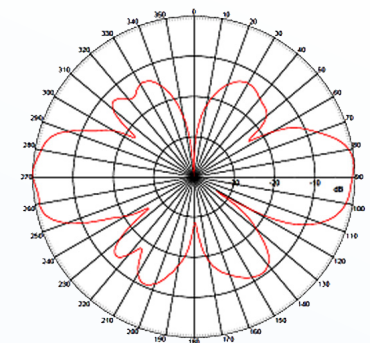
### CONNECTORS

| Part No.    | Connector     |
|-------------|---------------|
| OC24005-FNF | Type N female |
| OC24005-FNM | Type N male   |

### ANTENNA PATTERNS



H-plane 2.45 GHz



E-plane 2.45 GHz

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