

MIMO Antenna

Single Band 2400-2500 MHz

3-port MIMO Pole/Mast Mount Antenna

OP240006T



3-PORT OMNIDIRECTIONAL SINGLE BAND MIMO ANTENNA

The OP24006T antenna is an indoor/outdoor pole mounted omnidirectional antenna designed for 802.11n applications. Designed as a 3-element MIMO antenna, each port operates over the 2.4GHz band providing a 3-antenna solution in a single radome. Features a low profile radome and designed to withstand the rigors of outdoor applications with an IP67 Ingression Protection rating. The radiation patterns are uniform and symmetrical, providing high levels signal density into defined coverage zones. This antenna will greatly enhance the performance of 802.11n systems

MARKETS OR APPLICATIONS

- Offices, hotels and college campuses
- Airports and hospitals
- Bus terminals and train stations
- Museums, libraries and retail malls
- WiFi Hot Spots
- Cellular off-loading
- 802.11n MIMO

FEATURES

- Low Profile esthetically neutral housing
- Both Indoor/outdoor
- 3-element MIMO solution
- IP67 rating
- Conformance to RoHS

SPECIFICATIONS

Model Number	OP24006T-91NM
Frequency	2400-2500 MHz
Gain (dBi)	6.0
VSWR	2.0:1, Max
Nominal Impedance	50Ω
Polarization	Linear, Vertical
Azimuth Typical 3dB Beamwidth	Omnidirectional
Elevation Typical 3dB Beamwidth	30°
Port-to-Port Isolation	22dB
Input Power	5W x 3
RF Connector	Type N, Male 3x
Cable Type	Low Temp Plenum rated RG-58
Cable Length	910mm (36in) x 3
Radome Material	Polycarbonate, White
Mounting	Mast Mount (31.8-57.2 OD)
Wind Surface Area (Curvature)	0.03 sq. m (0.328 sq. ft.)
Wind Survival	200 km/hr. (125 mph)
Wind Gust Survival	266 km/hr. (165 mph)
Operational Temperature	-30°C to +70°C
Storage Temperature	-40°C to +85°C
Ingression Protection	IP67
Dimensions (height x OD)	298.9 x 209.6 mm
Weight	1.51kg (3.33lbs)

Americas: +1.847.839.6907
IAS-AmericasEastSales@lairdtech.com

Europe: +44.(0).1628.858941
IAS-EUSales@lairdtech.com

Asia: +86.21.5855.0827.127
IAS-AsiaSales@lairdtech.com

www.lairdtech.com

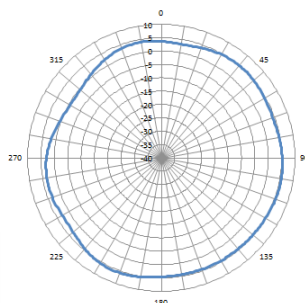
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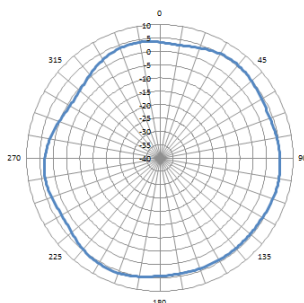
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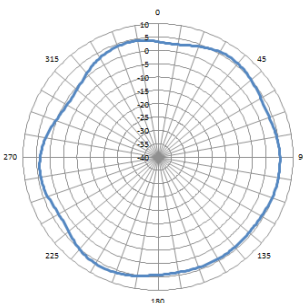
AZIMUTH PATTERNS



2400 MHz

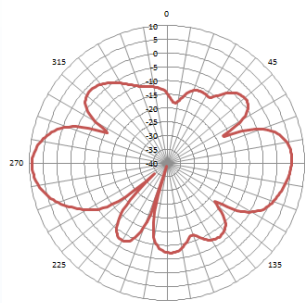


2450 MHz

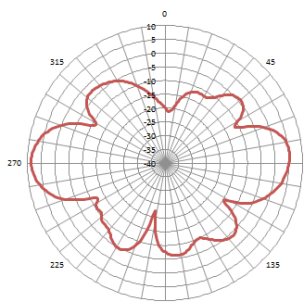


2500 MHz

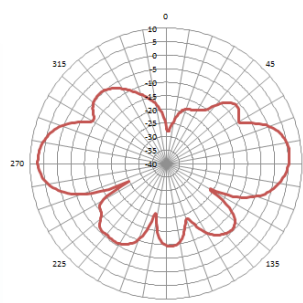
ELEVATION PATTERNS



2400 MHz



2450 MHz



2500 MHz

Americas: +1.847 839.6907
IAS-AmericasEastSales@lairdtech.com
Europe: +44.(0).1628.858941
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Asia: +86.21.5855.0827.127
IAS-AsiaSales@lairdtech.com
www.lairdtech.com

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