



OC24006H

Horizontally Polarized Omni Antenna 2400-2500 MHz

Laird Technologies' OC24006H is a 2400- 2500 MHz omnidirectional, collinear, horizontally 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 AND BENEFITS

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

ELECTRICAL SPECIFICATIONS

Operating Frequency (MHz)	2400-2500
VSWR	2.0:1
Gain (dBi)	6
Nominal Impedance (Ohms)	50
Power Handling (W)	10
Polarization	Linear, Horizontal
Vertical Plane 3 dB Beamwidth	25°
Horizontal Plane 3 dB Beamwidth	360°

MECHANICAL SPECIFICATIONS

Dimensions - diameter x height - mm (inches)	45 x 329 (1.77 x 12.95)
Weight - kg (lbs.)	.26 (.57)
Radome Material	Polycarbonate, UV White

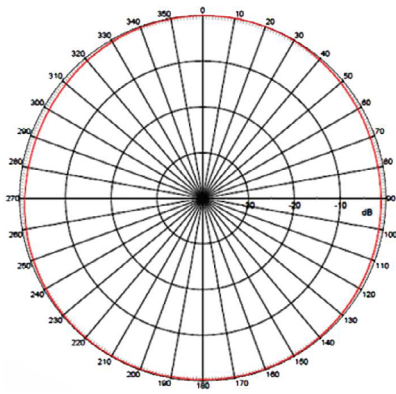
ENVIRONMENTAL SPECIFICATIONS

Operating Environment (Indoor or Outdoor)	Indoor and Outdoor
Operating Temperature - °C (°F)	-30 to +70°C (-22 to +158°F)
Storage Temperature - °C (°F)	-40 to +85°C (-40 to +185°F)

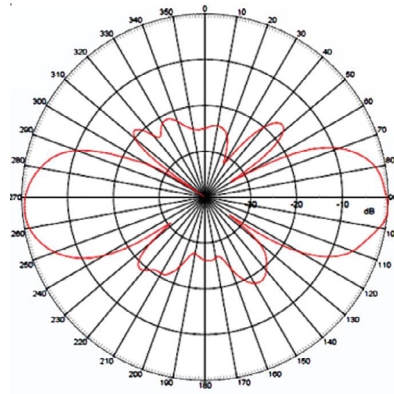
CONFIGURATION

PART NUMBER	CONNECTOR
OC24005-FNF	Type N female
OC24005-FNM	Type N male

RADIATION PATTERNS



H-Plane @ 2.45 GHz



E-Plane @ 2.45 GHz

TE TECHNICAL SUPPORT CENTER

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