



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

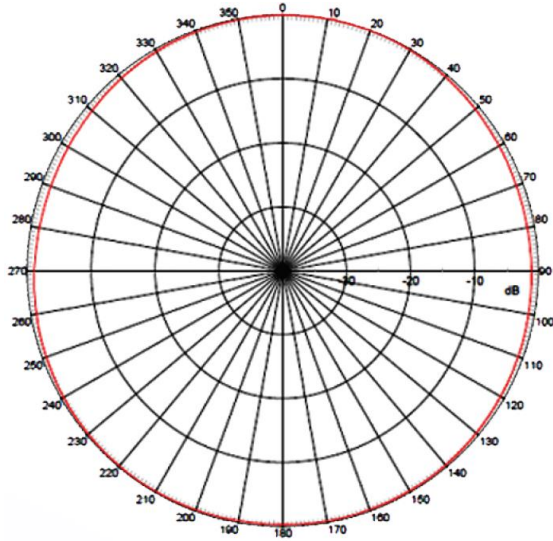
ENVIRONMENTAL SPECIFICATIONS	
Operating Environment (Indoor or Outdoor)	Indoor and Outdoor
Operating Temperature – °C (°F)	-30 to +70°C (-22 to +158°F)
Storage Temperature – °C (°F)	-40 to +85°C (--40 to +185°F)

CONFIGURATION

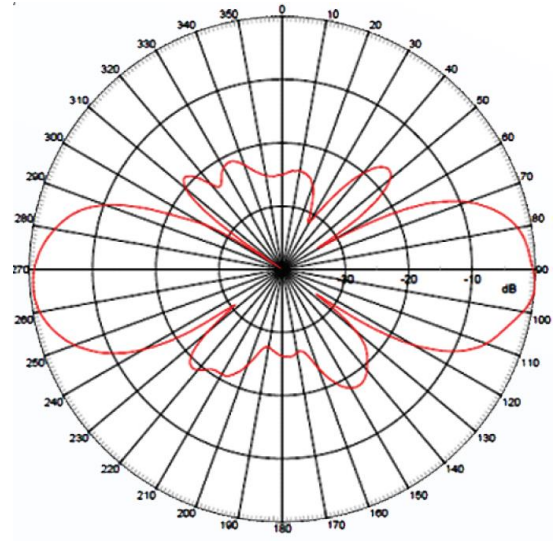
PART NUMBER	CONNECTOR
OC24006H-FNF	Type N female
OC24006H-FNM	Type N male

RADIATION PATTERNS

H-Plane @ 2.45 GHz



E-Plane @ 2.45 GHz



RoHS

Laird warrants to the original end user customer of its products that its products are free from defects in material and workmanship. Subject to conditions and limitations Laird will, at its option, either repair or replace any part of its products that prove defective because of improper workmanship or materials. This limited warranty is in force for the useful lifetime of the original end product into which the Laird product is installed. Useful lifetime of the original end product may vary but is not to exceed five (5) years from the original date of the end product purchase.

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