

OC51505

SPECIFICATIONS

Parameter	Performance
Model Number	OC51505
Frequency	5150-5875 MHz
Gain	5 dBi
Polarization	Linear, Vertical
VSWR	2.0:1
E-Plane 3 dB Beamwidth	29°
H-Plane 3 dB Beamwidth	Omnidirectional
RF Connector	Model Specific
Power	10 Watts
Weight	0.14 Kg
Radome	Polycarbonate, UV, White
Operational Temperature	-30°C to +70°C
Storage Temperature	-40°C to +85°C
Mounting	Connector Fixed or Mast Mount Kit, Upright and Inverted Orientation



SAFETY

Important Note : Please read all instructions carefully before attempting to install and use this product.

APPLICATION

The Laird Technologies' OC51505 is a 5150-5875 MHz omnidirectional, collinear, vertically polarized array especially designed to compliment 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.

LOCATION

For best results, mount the antenna and the associated AP unit near ceiling level or above exterior obstructions in a location near the center of the coverage area. A line-of-sight path between the antenna and active locations generally works best. Although 5.5 GHz signals penetrate cubical dividers, partitions, and interior walls with little attenuation, reinforced block walls, metal surfaces, and steel shelving may attenuate signals or cause multi-path, a condition where reflected signals interfere with the primary signal path. Avoid mounting next to a column or vertical support that could create a "shadow zone" of reduced coverage to one portion of the room.

MOUNTING

The antenna mounts directly to a connector on the unit itself or it may also be pipe-mounted and fed with an in-line RF connector when alternative positioning is required.

Warranty and Liability

Laird Technologies warrants to the original purchaser that antenna products will remain free from defects in materials and workmanship for a period of twelve (12) months from the purchase date. If any such defect is discovered within the warranty period, Laird Technologies will at its sole option, repair or replace the Product free of charge upon its return to the factory. This warranty applies only if the Product is used in a normal fashion, and is void if the Product is abused, disassembled, tampered with, used unreasonably, or fails as a result of normal wear. Furthermore, this warranty applies only to defects, which occur where the proper Product is selected as recommended by Laird Technologies and is used in the fashion recommended by Laird Technologies for the defective Product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND IS LIMITED TO A PERIOD OF TWELVE(12) MONTHS FROM THE DATE OF ORIGINAL PURCHASE. LAIRD IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND. ANY WARRANTY EXTENDED HEREIN SHALL BE LIMITED TO THE PRICE PAID TO LAIRD FOR THE DEFECTIVE PRODUCT. WHERE STATE OR LOCAL LAW GOVERNS THE PERIOD OF WARRANTY, SUCH PERIOD SHALL CONTROL



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