Laird TECHNOLOGIES

Innovative **Technology** for a **Connected** World

OC18505
Omni Antenna

DIRECT MOUNT 5 dBi HORIZONTALLY POLARIZED OMNI

The Laird Technologies' OC18505 is a 1850-1990 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.

FEATURES ✓RoHS

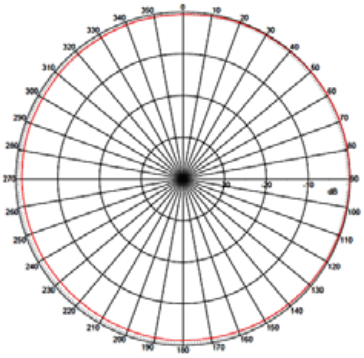
- Vertically polarized omnidirectional
- Rugged, lightweight and water resistant
- Direct to radio mounting
- PCS Band

MARKETS

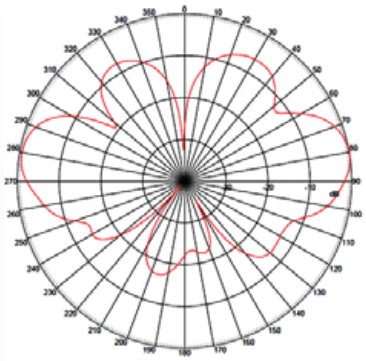
- College campuses
- Airports
- Hospitals
- Transportation centers

PARAMETER	SPECIFICATION
Antenna Part Number	OC18505
Frequency Range	1850 - 1990 MHz
Gain	5 dBi
Polarization	Linear, Vertical
VSWR	1.7:1
3 dB Beamwidth - E-plane	Omnidirectional
3 dB Beamwidth - H-plane	33°
RF Connector	Type N, Male or Female, Standard
Power	50 Watts
Weight	0.16 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

All antennas carry a 1-Year Warranty



H-plane 1.92 GHz



E-plane 1.92 GHz

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