Laird TECHNOLOGIES

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

S4908WB
Omni Antenna

DIRECT MOUNT 10 dBi VERTICALLY POLARIZED OMNI

The wide band S4908WB is one in a series of omni antennas that have been optimized for direct chassis mount to outdoor radios or NEMA enclosures. These antennas come standard with an integrated N male or female connector directly mounted to the base of the antenna.

The rugged directly mounted connector is perfect for outdoor MESH applications that often require the antenna to be directly mounted to the radio or enclosure. The antenna is enclosed in a UV stable, water resistant housing and the antenna will provide years of trouble free service.

The antenna series includes antennas of various gains all with integrated N male or female connectors. There is a mast mount hardware kit available for applications that require the antenna to be remotely mounted from the radio enclosure.

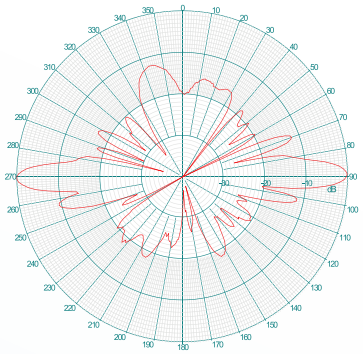
FEATURES ✓RoHS

- Vertically polarized omnidirectional
- Rugged, lightweight and water resistant
- Full 802.11a wide band performance
- Direct to radio mounting
- 5 GHz broad band WLAN

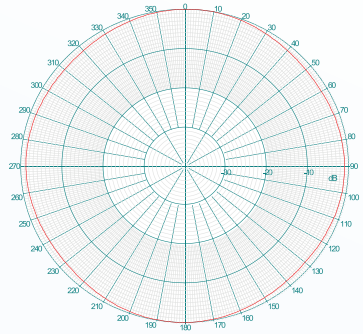
MARKETS

- College campuses
- Airports
- Hospitals
- Transportation centers
- WiMAX

PARAMETER	SPECIFICATION
Antenna Part Number	S4908WB
Frequency Range (MHz)	4900 - 5875
Gain (dBi)	10
Maximum VSWR	2.0:1
3 dB Beamwidth - Elevation	8°
3 dB Beamwidth - Azimuth	Omnidirectional
Polarization	Vertical linear
Maximum input power (watts)	10
Input Impedance (Ohms)	50
Mechanical size	19.6 x 1.0 in
Weight (lbs.)	0.4
Wind survival rating (mph)	Operational 100 / Survival 136
Antenna connection	Type N male or female
Radome	White UV Polycarbonate
Mount style	Direct mount (upright or inverted)
Temperature (°C)	Operational -30° to +65° Storage -40° to +80°



E Plane 5.5 GHz



H Plane 5.5 Ghz

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