Laird TECHNOLOGIES

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

5 GHz Direct-Mount Omni Antenna

S5156WB



4900-5850 MHz V-POL OMNIDIRECTIONAL ANTENNA

Laird Technologies' 4900-5850 MHz wide-band omnidirectional antenna is optimized for direct chassis mount to outdoor radios and NEMA enclosures. Standard in each antenna of this series is an integrated N male connector, directly mounted to the antenna base. The rugged connector is perfect for outdoor MESH applications that may require the direct mount to the radio or enclosure.

Enclosed in a UV-stable, water-resistant housing, the S5156WB antenna provides years of trouble-free service. The series includes antennas of various gains, all with integrated N male connectors. A mast-mount hardware kit is available for applications that require remote mount from the radio enclosure.

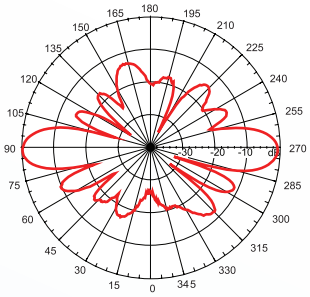
FEATURES RoHS

- Vertically polarized and omnidirectional
- Rugged, lightweight, and water resistant
- 4900-5850 MHz with full 802.11a wide-band performance
- Facilitates direct-to-radio mounting with Integrated type N male connector
- 802.11a indoor or outdoor coverage

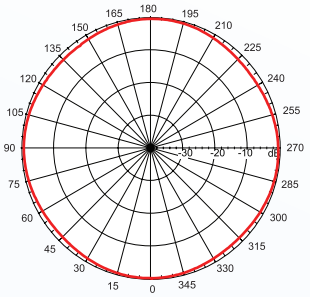
MARKETS

- WiMAX

PARAMETER	SPECIFICATION
Frequency (MHz)	4900-5850
Gain (4900-5000)	7 dBi
Gain (5400-5850)	8 dBi
Elevation beamwidth	16°
Azimuth beamwidth	Omnidirectional
Polarization	Vertical Linear
VSWR	2.0:1
Weight lbs.	0.37
Mounting Style	Direct Mount
Dimensions (in)	1.0 x 11.5
Wide load rating	125 mph
Enclosure	Polycarbonate
Power (Watts)	5
RF Connectors	N (m)



E Plane 5.5 GHz



H Plane 5.5 GHz

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