

HORIZONTALLY POLARIZED OMNI ANTENNAS

ODH24-9-WB

2400-2500 MHZ HORIZONTALLY POLARIZED OMNI ANTENNAS

The horizontally polarized omnidirectional antenna systems offered by Laird Technologies are constructed of aluminum and UV stable ASA. They feature integrated 50 ohm passive feeds that come standard with type N female connectors. Horizontally polarized antennas offer the user great rejection of interference if that interference is vertically polarized, as is the case in most WLAN systems. Also includes rugged mounting bracket.

FEATURES

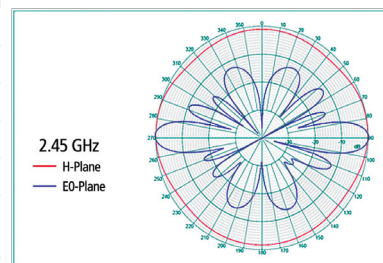
- Horizontally polarized
- 9dBi antenna gain
- Type N female integrated connector
- Extremely rugged for long service life in extreme environments
- Weatherproof

MARKETS

- 2.4 GHz ISM band applications
- 802.11b and 802.11g wireless systems
- Point-to-multi-point systems
- Base station antennas
- Wireless broadband systems
- WLAN access points

Parameter	Performance
Antenna Type	Omnidirectional
Frequency	2400-2500 MHz
Gain	9dBi
Input Impedance	50Ω
VSWR(GHz)	1.5:1
Elevation H-Plane dB Beamwidth	12.5°
Polarization	Horizontal, Linear
Input RMS Power	5W
Cable/RF Connector	Fixed N-Female
Orientation	Vertical, Upright Only
Mount Capability	Wall or Mast, 50mm - 114mm Diameter Range
Color	Grey
Operational Temperature	-40°C to +70°C
Weight	4 lbs
Dimensions	590mm L x 85.3mm D

ANTENNA PATTERNS



ODH24-9-WB

SYSTEM ORDERING

ODH24-9-WB 9dBi 2.4 GHz horizontally polarized omnidirectional antenna

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