HORIZONTALLY POLARIZED OMNI ANTENNAS

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
- 9 dBi 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
- WiMAX

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

SYSTEM ORDERING

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

ANT-DS-ODH24-9-WB 0215

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