



AWSOD24 Vertically Polarized Omni Antenna 9 dBi

The Omni Directional antenna systems offered by AWS are constructed of UV-stable fiberglass. They feature 50 ohm passive feeds that come standard with type N female connectors. The 12dB has a 3 Deg Electrical Downtilt standard. It also has 24" pigtail option with N Female or N Male connectors for direct connection to outdoor access points. They can be used in a wide variety of wireless systems.



APPLICATIONS

2.4GHz ISM Band Applications
802.11b and 802.11g AWSreless Systems
Point to Multi-Point Systems
Base Station Antennas

SPECIFICATIONS

Weight

AWSODH24-9 6 lbs (2.7 kg)
AWSODH24-13 9 lbs (4.8 kg)

Dimensions (LxWxD)

AWSODH24-9 27 x 4 x 1 in (69 x 10 x 2.5 cm)
AWSODH24-13 49 x 4 x 1 in (124 x 10 x 2.5 cm)

Input Return Loss -14 dB

Antenna Frequency Range 2400-2485 MHz

Gain

AWSODH24-9 9 dBi
AWSODH24-13 13 dBi

Beamwidth

AWSODH24-9 20 degrees
AWSODH24-13 7 degrees

Polarization

 Horizontal

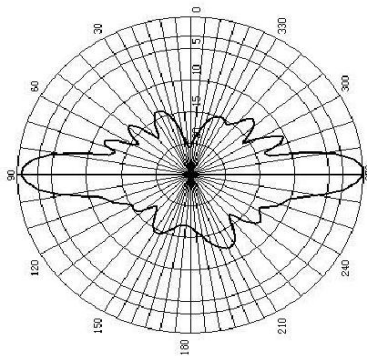
VSWR

 1.5 : 1

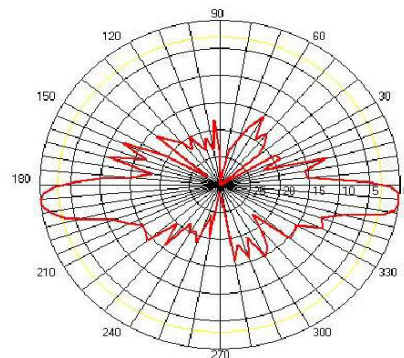
Maximum Input Power 100 W

Impedance 50 Ohms

INTEGRATED ANTENNA PATTERNS



9 dBi Elevation Plot



9 dBi with 7 degree downtilt Elevation Plot