

The Horizontally Polarized Omni Directional antenna systems offered by AWS are constructed of Rigid Aluminum Extrusion which is powder coat painted. 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.



APPLICATIONS

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

SPECIFICATIONS

Weight

AW SODH24-9 6 lbs (2.7 kg)
AW SODH24-13 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

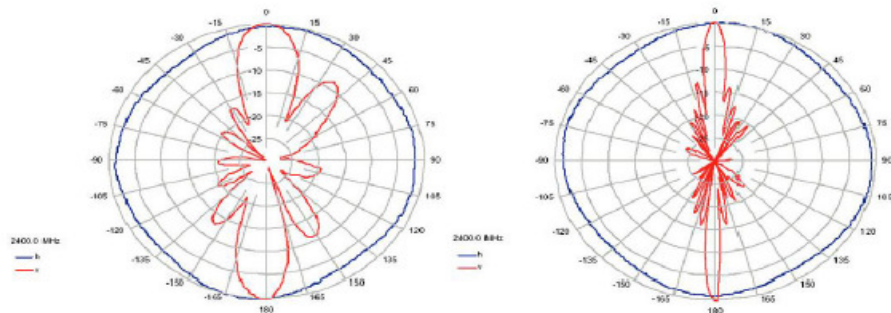
Polarization Horizontal

VSWR 1.5 : 1

Maximum Input Power 100 W

Impedance 50 Ohms

INTEGRATED ANTENNA PATTERNS



9 dBi Antenna

13 dBi Antenna