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 120B has a 3 Deg Electrical Down tilt standard. It also has 24” physical 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 AWiReless Systems
- Point to Multi-Point Systems
- Base Station Antenna

SPECIFICATIONS
- **Weight**
  - AWSOD24-9 6 lbs (2.7 kg)
  - AWSOD24-13 9 lbs (4.1 kg)
- **Dimensions (LxWxH)**
  - AWSOD24-9 27 x 4 x 1 in (69 x 10 x 2.5 cm)
  - AWSOD24-13 49 x 4 x 1 in (124 x 10 x 2.5 cm)
- **Input Return Loss** - 14 dB
- **Antenna Frequency Range** 2.400-2.485 MHz
- **Gain**
  - AWSOD24-9 9 dB
  - AWSOD24-13 13 dB
- **Beamwidth**
  - AWSOD24-9 90 degrees
  - AWSOD24-13 72 degrees
- **Polarization** Horizontal
- **VSWR** 1.5:1
- **Maximum Input Power** 100 W
- **Impedance** 50 Ohms

INTEGRATED ANTENNA PATTERNS

![9 dBi Elevation Plot](image)

![9 dBi with 7 degree downtilt Elevation Plot](image)