



## AWSPA24 Panel Antenna 13, 19 dBi

The 2.4GHz Flat Panel Directional antennas by AWS offer high gain in a thin low profile package. The antennas are constructed of a gray color UV Resistant ABS plastic radome with an aluminum back plate. The antenna can be used in Horizontal or Vertical Polarization. The Die Cast Aluminum bracket affords +/- 45 deg up or down tilt adjustment and the stainless steel hardware assures a long service life. The antenna can be surface mounted or pole mounted. The antenna comes with an integral N Female connector standard.



### APPLICATIONS

2.4GHz ISM Band Applications  
802.11b and 802.11g AWSeless 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)

AW SODH24-9 27 x 4 x 1 in (69 x 10 x 2.5 cm)  
AW SODH24-13 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

AW SODH24-9 9 dBi  
AW SODH24-13 13 dBi

#### Beamwidth

AW SODH24-9 20 degrees  
AW SODH24-13 7 degrees

#### Polarization

 Horizontal

**VSWR** 1.5 : 1

**Maximum Input Power** 100 W

**Impedance** 50 Ohms

### INTEGRATED ANTENNA PATTERNS

