AWSPE24 Panel Enclosure Antenna
19 dBi

The AWSPE2419 Panel Enclosure Antenna is an excellent solution for all 2.4 GHz applications. Not only does its patented circuit design offer high gain for a low cost, but its low profile and rugged design make it the ideal antenna for outdoor applications. The AWSPE2419 features a weather-tight compartment behind the antenna to allow the direct integration of electronics, and also meets NEMA 4 requirements. Included with the AWSPE2419 panel enclosure antenna is also a high-strength mounting bracket.

APPLICATIONS
2.4GHz Wireless LAN Applications
802.11bg Applications
Client Antennas
OEM Wireless Data
PTP or PTMP Applications
Wireless Bridging

SPECIFICATIONS
- Weight: 4 lb (1.85 kg)
- Outer Dimensions: 19.4 x 15.4 x 2 in (391 x 391 x 51 mm)
- Compartment Dimensions: 11.75 x 11.75 x 1 in. (298 x 298 x 25 mm)
- Backplane: aluminum
- Radome: UV stabilized AR5 plastic
- Antenna Frequency Range: 2.4 - 2.5 GHz
- Gain: 10 dBi
- Beamwidth: 10 degrees VFOL / 10 degrees HPOL
- VSWR: 1.5:1
- Front to back ratio: >30 dB
- Cross Polarization: >30 dB
- Power Rating: 50 watts
- Impedance: 50 Ohms
- Lightning Protection: DC ground
- Connector Type: Integral SMA jack
- Wind Survivability: 125 mph (201 kmph)
- Wind Load: 190 lbs (0.165 m/s^2)
- Operating Temperature Range: -40°F to +140°F (-40°C to +65°C)
- Pole Mount Diameter Range: 0.75 in to 2.0 in (19mm to 76mm)

AWSPE2419 E Plane
AWSPE2419 H Plane