AWSRT24 Panel Antenna with Radio Enclosure
14 dBi

The panel antenna is developed to allow integration of the customers' radio equipment inside the weatherproof compartment. The radio compartment is big enough to house transceivers, amplifiers, and other electronic equipment. Two sizes are available, our regular size and a new lower-profile size. The antenna design utilizes a suspended wire element over a solid 8.5 square backplane for more consistent performance over temperature and humidity conditions. The housing is UV stabilized ABS plastic. The back plate is anodized coated aluminum with stainless steel fasteners. All bracket fasteners are stainless steel for corrosion protection.

APPLICATIONS
Integrated Radio/Antenna Units
Amplified Antennas
AWSSP CPE Equipment
802.11bg Applications

SPECIFICATIONS
Weight 1.8 lbs (0.8 kg)
Input Return Loss -14 dB
Antenna Frequency Range 2400-2485 MHz
Gain 14 dBi
Beamwidth HPOL 65 degrees, EPOL 35 degrees
Polarization Horizontal or Vertical
VSWR 1.5:1
Maximum Input Power 20 W
Impedance 50 Ohms
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INTEGRATED ANTENNA PATTERNS

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