AWSSA2490 90 Degree Sector Antenna
9.5, 17 dBi

The Vertically Polarized Sector antenna systems offered by AWS are constructed of UV stable fiberglass radomes for extremely long service life in the most demanding conditions. The antennas are constructed using corrosion resistant metal elements which are more stable than PCB based antenna systems because they don’t absorb moisture which can degrade the performance of PCB based antenna systems. The 17dBi sector comes with a stainless steel scissor bracket system for ease of installation and aligning. The 9dBi sector comes with a galvanized steel bracket with stainless steel hardware.

APPLICATIONS
2.4GHz ISM Band Applications
Base Station Antennas
802.11b and 802.11g Wireless Systems
Wireless Broadband Systems
WiFi Access Points
Point-to-Multi-point Systems

SPECIFICATIONS
Weight: AWSSA90-9 1.56 lbs (0.7 kg)
AWSSA80-17 9.9 lbs (4.5 kg)

Dimensions (LxWxH) AWSSA90-9 10 x 6.5 x 2.5 in (254 x 165 x 63.5 mm)
AWSSA80-17 30 x 6.5 x 2.5 in (95 x 165 x 63.5 mm)

Input Return Loss: 14 dB
Antenna Frequency Range: 2400-2483 MHz

Gain: AWSSA90-9 9.5 dBi
AWSSA80-17 17 dBi

Beamwidth: AWSSA90-9 HPOL 90 degrees, VPOL 40 degrees
AWSSA80-17 HPOL 60 degrees, VPOL 7 degrees

Polarization: Vertical
VSWR: 1.5:1
Maximum Input Power: 100 W
Impedance: 50 Ohms

Applied Wireless Solutions  12545 Olive Blvd.  Suite 262  St. Louis MO 63141
Phone 314-822-1102  Fax 314-394-0206  www.appliedws.com