

AWSDA5W Dish Antenna

29, 32 dBi

The AWSDA5W Series of dish antennas from AWS offers the best performance available on the market. The antennas meet ETSI EN 302 085 TS4 and EN 300 833 Class 1 specifications, the most stringent specifications for point-to-point backhaul antennas.

An optional fiberglass radome is available for added environmental protection.



FEATURES & BENEFITS

Wide Band Operation
Vertically or Horizontally Polarized
Dual Polarity Models Available
Ultralow Sidelobes. Meets ETSI Standards
Extremely rugged for long service life in extreme environments

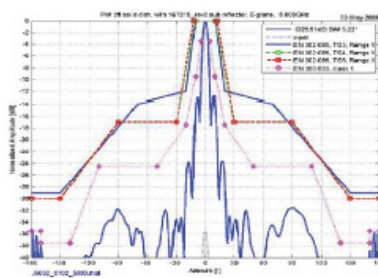
APPLICATIONS

802.11a Applications OFDM Systems Cellular Backhaul Point-to-Point
Backhaul Public Safety

SPECIFICATIONS

Gain 29 dBi (AWSDA5W-29)
32 dBi (AWSDA5W-32)
Frequency Range 4940 - 5850 MHz
Beamwidth 6 degrees (AWSDA5W-29)
4 degrees (AWSDA5W-32)
Front to Back -32 dB (AWSDA5W-29)
-38 dB (AWSDA5W-32)
Sidelobes -32db
Maximum Input Power 100 W
Impedance 50 OHM
Wind Loading (@ 100mph) 113 lbs. (AWSDA5W-29)
256 lbs. (AWSDA5W-32)
Wind Loading (@ 125mph) 177 lbs. (AWSDA5W-29)
400 lbs. (AWSDA5W-32)
Bracket Tilt - 30 degrees vertical
Connector N-Female
N-Male (on request)
Net Weight 11 lbs. (AWSDA5W-29)
22 lbs. (AWSDA5W-32)
Dimensions (Diameter) 25.5" (AWSDA5W-29)
36.5" (AWSDA5W-32)

5.8 GHz E-Plane



5.8 GHz H-Plane

