



# AWSDA5W Dish Antenna

29, 32 dBi



The AWSDA5W Series of dish antennas from wireless Interactive 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.

## 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)

## FEATURES & BENEFITS

Wide Band Operation

Vertically or Horizontally Polarized

Dual Polarity Models Available

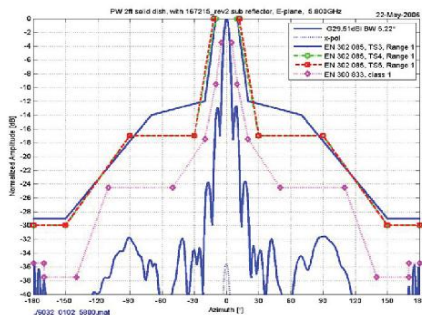
Ultralow Sidelobes, Meets ETSI Standards

Extremely rugged for long service life in extreme environments

## APPLICATIONS

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

5.8 GHz E-Plane



5.8 GHz H-Plane

