



1-port omni ground plane antenna, 406–512 MHz, 360° HPBW, fixed electrical tilt. Bandwidth: 2% of frequency.

- Omnidirectional antenna
- Mounts to top of tower, pole, or building
- Field tunable to desired frequency, cutting chart included

## OBSOLETE

This product was discontinued on: June 1, 2017

### Replaced By

ASP7A	1-port omni ground plane antenna, 108–512 MHz, 360° HPBW fixed electrical tilt
ASP635	1-port omni ground plane antenna, Unity Gain, 120–512 MHz, 360° HPBW

## Electrical Specifications

<b>Frequency Band, MHz</b>	<b>406–512</b>
Gain, dBi	2.1
Beamwidth, Horizontal, degrees	360
Beamwidth, Vertical, degrees	78.0
Beam Tilt, degrees	0
VSWR   Return Loss, dB	1.5   14.0
Input Power per Port, maximum, watts	500
Polarization	Vertical
Impedance	50 ohm

## Electrical Specifications

<b>Bandwidth</b>	2% of frequency
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## General Specifications

<b>Operating Frequency Band</b>	406 – 512 MHz
<b>Antenna Type</b>	Omni
<b>Band</b>	Single band
<b>Performance Note</b>	Outdoor usage

## Mechanical Specifications

<b>RF Connector Quantity, total</b>	1
<b>RF Connector Quantity, low band</b>	1
<b>RF Connector Interface</b>	N Male
<b>Color</b>	Silver

# DB201-N

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<b>Grounding Type</b>	RF connector inner conductor and body grounded to reflector and mounting bracket
<b>Radiator Material</b>	Aluminum
<b>RF Connector Location</b>	Bottom
<b>Wind Loading, maximum</b>	53.4 N @ 100 mph 12.0 lbf @ 100 mph
<b>Wind Speed, maximum</b>	201 km/h   125 mph

## Dimensions

<b>Length</b>	482.6 mm   19.0 in
<b>Width</b>	238.8 mm   9.4 in
<b>Depth</b>	238.8 mm   9.4 in
<b>Net Weight, without mounting kit</b>	2.7 kg   6.0 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system



## Included Products

DB365-OS — Pipe Mounting Kit that consists of two clamps for mounting antennas to round members 1.25 - 3.5 in (35 - 89 mm) OD round members.

## \* Footnotes

<b>Performance Note</b>	Severe environmental conditions may degrade optimum performance
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