



1-port omni ground plane antenna, 144–174 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

| | |
|--------------------------------------|----------------|
| Frequency Band, MHz | 144–174 |
| 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

| | |
|------------------|-----------------|
| Bandwidth | 2% of frequency |
|------------------|-----------------|

General Specifications

| | |
|---------------------------------|---------------|
| Operating Frequency Band | 144 – 174 MHz |
| Antenna Type | Omni |
| Band | Single band |
| Performance Note | Outdoor usage |

Mechanical Specifications

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|--|--------|
| RF Connector Quantity, total | 1 |
| RF Connector Quantity, low band | 1 |
| RF Connector Interface | N Male |
| Color | Silver |

DB201-M

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|------------------------------|--|
| Grounding Type | RF connector inner conductor and body grounded to reflector and mounting bracket |
| Radiator Material | Aluminum |
| RF Connector Location | Bottom |
| Wind Loading, maximum | 71.2 N @ 100 mph 16.0 lbf @ 100 mph |
| Wind Speed, maximum | 201 km/h 125 mph |

Dimensions

| | |
|---|--------------------|
| Length | 762.0 mm 30.0 in |
| Width | 701.0 mm 27.6 in |
| Depth | 701.0 mm 27.6 in |
| Net Weight, without mounting kit | 4.5 kg 9.9 lb |

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| 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

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|-------------------------|---|
| Performance Note | Severe environmental conditions may degrade optimum performance |
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