1-port omni exposed dipole antenna, 158–166 MHz, 360° HPBW, fixed electrical tilt

- Broad response
- Weather resistant

This product will be discontinued on: March 27, 2020

### Electrical Specifications

**Frequency Band, MHz** | 158–166
---|---
**Gain, dBi** | 5.1
**Beamwidth, Horizontal, degrees** | 360
**Beamwidth, Vertical, degrees** | 36.0
**Beam Tilt, degrees** | 0
**VSWR | Return Loss, dB** | 1.5 | 14.0
**Input Power per Port, maximum, watts** | 500
**Polarization** | Vertical
**Impedance** | 50 ohm

### General Specifications

**Operating Frequency Band** | 158 – 166 MHz
---|---
**Antenna Type** | Omni
**Band** | Single band
**Performance Note** | Outdoor usage

### Mechanical Specifications

**RF Connector Quantity, total** | 1
---|---
**RF Connector Quantity, low band** | 1
**RF Connector Interface** | N Male
**Color** | Silver
**Grounding Type** | RF connector inner conductor and body grounded to reflector and mounting bracket
**Radiator Material** | Aluminum
**RF Connector Location** | Bottom
**Wind Loading, maximum** | 284.7 N @ 100 mph | 64.0 lbf @ 100 mph
**Wind Speed, maximum** | 201 km/h | 125 mph
Dimensions

Length 3225.8 mm  |  127.0 in
Net Weight, without mounting kit 7.2 kg  |  15.9 lb

Regulatory Compliance/Certifications

Agency Classification
RoHS 2011/65/EU Compliant by Exemption
ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system
China RoHS SJ/T 11364-2014 Above Maximum Concentration Value (MCV)
CE Compliant with the relevant CE product directives

Included Products

DB365DB365—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

Performance Note Severe environmental conditions may degrade optimum performance
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.

General Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application</td>
<td>Outdoor</td>
</tr>
<tr>
<td>Includes</td>
<td>Brackets</td>
</tr>
<tr>
<td>Package Quantity</td>
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</table>

Mechanical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Color</td>
<td>Silver</td>
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<tr>
<td>Material Type</td>
<td>Galvanized steel</td>
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Dimensions

<table>
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<tr>
<th>Specification</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Compatible Diameter, maximum</td>
<td>88.9 mm</td>
</tr>
<tr>
<td>Compatible Diameter, minimum</td>
<td>31.8 mm</td>
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<tr>
<td>Net Weight</td>
<td>3.2 kg</td>
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Regulatory Compliance/Certifications

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