



## DB201-P

**Andrew® Omni Ground Plane Antenna, 450–470 MHz, 360° horizontal beamwidth, 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

### Electrical Specifications

<b>Frequency Band, MHz</b>	<b>450–470</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

### General Specifications

Antenna Brand	Andrew®
Antenna Type	Omni, ground plane
Band	Single band
Operating Frequency Band	450 – 470 MHz

### Electrical Specifications

Bandwidth	2% of frequency
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### Mechanical Specifications

Color	Silver
Lightning Protection	dc Ground
Radiator Material	Aluminum
RF Connector Interface	N Male
RF Connector Location	Bottom
RF Connector Quantity, total	1
Wind Loading, maximum	53.4 N @ 100 mph 12.0 lbf @ 100 mph
Wind Speed, maximum	201.2 km/h   125.0 mph

### Dimensions

Depth	218.4 mm   8.6 in
Length	482.6 mm   19.0 in
Width	218.4 mm   8.6 in
Net Weight	2.7 kg   6.0 lb

### Regulatory Compliance/Certifications

# Product Specifications

COMMScope®

DB201-P

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## Agency

RoHS 2011/65/EU  
China RoHS SJ/T 11364-2006  
ISO 9001:2008

## Classification

Compliant by Exemption  
Above Maximum Concentration Value (MCV)  
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.