



DB201-L

Omni Ground Plane Antenna, 30–50 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

Frequency Band, MHz	30–50
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

Operating Frequency Band	30 – 50 MHz
Antenna Type	Omni
Band	Single band
Performance Note	Outdoor usage

Electrical Specifications

Bandwidth	2% of frequency
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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	142.3 N @ 100 mph 32.0 lbf @ 100 mph
Wind Speed, maximum	196 km/h 122 mph

Dimensions

Length	2895.6 mm 114.0 in
Width	322.6 mm 12.7 in
Depth	322.6 mm 12.7 in
Net Weight, without mounting kit	10.4 kg 22.9 lb

DB201-L

Regulatory Compliance/Certifications

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.

* Footnotes

Performance Note Severe environmental conditions may degrade optimum performance

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.

General Specifications

Mount Type	Pipe mounts
Application	Outdoor
Includes	Brackets Hardware
Package Quantity	2

Mechanical Specifications

Color	Silver
Material Type	Galvanized steel

Dimensions

Compatible Diameter, maximum	88.9 mm 3.5 in
Compatible Diameter, minimum	31.8 mm 1.3 in
Net Weight	3.2 kg 7.0 lb

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant by Exemption
China RoHS SJ/T 11364-2006	Above Maximum Concentration Value (MCV)
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

