



1-port omni ground plane antenna, 30–50 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

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

Electrical Specifications

Bandwidth	2% of frequency
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General Specifications

Operating Frequency Band	30 – 50 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	142.3 N @ 100 mph 32.0 lbf @ 100 mph
Wind Speed, maximum	196 km/h 122 mph

DB201-L

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

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

Performance Note	Severe environmental conditions may degrade optimum performance
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