

DB222-A



1-port omni exposed dipole antenna, 150–158 MHz, 360° HPBW, fixed electrical tilt

- Broad response
- Weather resistant

General Specifications

Antenna Type	Omni
Band	Single band
Color	Silver
Grounding Type	RF connector inner conductor and body grounded to reflector and mounting bracket
Performance Note	Outdoor usage
Radiator Material	Aluminum
RF Connector Interface	N Male
RF Connector Location	Bottom
RF Connector Quantity, high band	0
RF Connector Quantity, mid band	0
RF Connector Quantity, low band	1
RF Connector Quantity, total	1

Dimensions

Length	3,225.8 mm 127 in
Net Weight, without mounting kit	7.2 kg 15.873 lb

Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	150 – 158 MHz
Polarization	Vertical

Electrical Specifications

Frequency Band, MHz	150–158
Gain, dBi	5.1
Beamwidth, Horizontal,	360

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degrees

Beamwidth, Vertical, degrees	36
Beam Tilt, degrees	0
VSWR Return loss, dB	1.5 14.0
Input Power per Port, maximum, watts	500

Mechanical Specifications

Wind Loading @ Velocity, maximum	284.7 N @ 100 mph (64.0 lbf @ 100 mph)
Wind Speed, maximum	201 km/h (125 mph)

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.
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* Footnotes

Performance Note	Severe environmental conditions may degrade optimum performance
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