



DB222-B

Omni Exposed Dipole Antenna, 158–166 MHz, 360° horizontal beamwidth, fixed electrical tilt

- Broad response
- Weather resistant

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

DB222-B

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

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