

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

DB222-A

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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DB365-05

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.

Product Classification

Product Type Pipe mounting kit

General Specifications

Application Outdoor

Color Silver

Dimensions

Compatible Diameter, maximum 88.9 mm | 3.5 in

Compatible Diameter, minimum 33 mm | 1.299 in

Weight, net 3.2 kg | 7.055 lb

Material Specifications

Material Type Galvanized steel

Packaging and Weights

Included Brackets | Hardware

Packaging quantity 2

Weight, gross 3.6 kg | 7.937 lb

Regulatory Compliance/Certifications

Agency

CE

CHINA-ROHS

ISO 9001:2015

REACH-SVHC

ROHS

UK-ROHS

Classification

Compliant with the relevant CE product directives

Below maximum concentration value

Designed, manufactured and/or distributed under this quality management system

Compliant as per SVHC revision on www.andrew.com/ProductCompliance

Compliant

Compliant

