

# DB224-A



1-port omni exposed dipole antenna, 150–160 MHz, 360° HPBW, fixed electrical tilt

- Broad response
- Two-piece mast for ease of shipping

## 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	6477 mm   255 in
Net Weight, without mounting kit	15.9 kg   35.053 lb

## Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	150 – 160 MHz
Polarization	Vertical

## Electrical Specifications

Frequency Band, MHz	150–160
Gain, dBi	8.1
Beamwidth, Horizontal,	360

# DB224-A

<b>degrees</b>	
<b>Beamwidth, Vertical, degrees</b>	16
<b>Beam Tilt, degrees</b>	0
<b>VSWR   Return loss, dB</b>	1.5   14.0
<b>Input Power per Port, maximum, watts</b>	500

## Mechanical Specifications

<b>Wind Loading @ Velocity, maximum</b>	560.5 N @ 100 mph (126.0 lbf @ 100 mph)
<b>Wind Speed, maximum</b>	130 km/h (81 mph)

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
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

<b>Performance Note</b>	Severe environmental conditions may degrade optimum performance
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# DB365-0S

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	Classification
CE	Compliant with the relevant CE product directives
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.andrew.com/ProductCompliance">www.andrew.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

