### 1-port omni antenna, 450–482 MHz, 360° HPBW, fixed electrical tilt

- Omnidirectional antenna
- Rugged, durable design, heavy duty radome for minimum tip deflection
- Invert mountable

## General Specifications

Antenna Type	Omni
Band	Single band
Color	Horizon blue
Grounding Type	RF connector inner conductor and body grounded to reflector and mounting bracket
Performance Note	Outdoor usage
Radome Material	Fiberglass, UV resistant
Radiator Material	Brass
RF Connector Interface	N Female
RF Connector Location	Bottom
RF Connector Quantity, low band	1
RF Connector Quantity, total	1
Dimensions	
Length	965.2 mm   38 in
Net Weight, without mounting kit	2.7 kg   5.952 lb
Outer Diameter	50.8 mm   2 in
Electrical Specifications	
Impedance	50 ohm
Operating Frequency Band	450 – 482 MHz
Polarization	Vertical

# **Electrical Specifications**

Frequency Band, MHz	450-482
Gain, dBi	2.1
Beamwidth, Horizontal,	360

Page 1 of 2

©2023 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: October 25, 2023

**COMMSCOPE**°

# DB630-C

#### degrees

Beamwidth, Vertical, degrees	80
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	60.5 N @ 100 mph (13.6 lbf @ 100 mph)
Wind Speed, maximum	201 km/h (125 mph)

## Regulatory Compliance/Certifications

Agency	Classification
CE	Compliant with the relevant CE product directives
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
Included Produ	Jcts
DB365-OS	<ul> <li>Pipe Mounting Kit that consists of two clamps for mounting antennas to round members 1.25 -</li> <li>3.5 in (35 - 89 mm) OD round members.</li> </ul>
* Footnotes	

## FUULIIULES

**Performance Note** Severe environmental conditions may degrade optimum performance

Page 2 of 2

©2023 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: October 25, 2023

