



1-port sector (yagi) antenna, 806–869 MHz, 60° HPBW, fixed electrical tilt. Mounting pipe diameter, max. 3".

- Rugged, durable design
- Enclosed driven element protects against icing, water penetration, and corrosion
- Unique mounts allow vertical or horizontal polarization

This product will be discontinued on: March 31, 2021

General Specifications

Antenna Type	Sector
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 Female
RF Connector Location	Bottom
RF Connector Quantity, low band	1
RF Connector Quantity, total	1

Dimensions

Width	152.4 mm 6 in
Length	787.4 mm 31 in
Depth	25.4 mm 1 in

Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	806 – 869 MHz
Polarization	Vertical

Electrical Specifications

DB499-A

Frequency Band, MHz 806-869

Gain, dBi 12.1

Beamwidth, Horizontal, degrees 60

Beamwidth, Vertical, degrees 30

Beam Tilt, degrees 0

Front-to-Back Ratio at 180°, dB 15

VSWR | Return loss, dB 1.5 | 14.0

Input Power per Port, maximum, watts 150

Mechanical Specifications

Wind Speed, maximum 201 km/h | 124.896 mph

Packaging and Weights

Included V-bolts

Net Weight, without mounting kit 2.3 kg | 5.071 lb

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 Products

11653 — V-Bolt Mounting Kit for 3 in (76.2 mm) max OD round members. Set of two V-bolts clamp sets.

* Footnotes

Performance Note Severe environmental conditions may degrade optimum performance

V-Bolt Mounting Kit for 3 in (76.2 mm) max OD round members. Set of two V-bolts clamp sets.



Product Classification

Product Type	Bolt kit
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General Specifications

Application	Outdoor
Color	Silver
Compatible 60° Angle	66.04 mm 2.6 in
Compatible 90° Angle	50.8 mm 2 in

Dimensions

Compatible Diameter, maximum 76.2 mm | 3 in

Material Specifications

Material Type	Galvanized steel Stainless steel
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Packaging and Weights

Included	Back straps Nuts V-bolts Washers
Packaging quantity	2

Regulatory Compliance/Certifications

Agency	Classification
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 www.commscope.com/ProductCompliance
ROHS	Compliant



