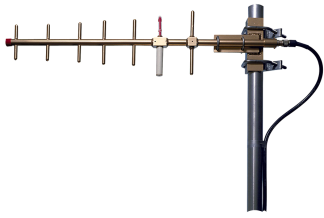


DB499-A



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

Electrical Specifications

Frequency Band, MHz	806–869
Gain, dBi	12.1
Beamwidth, Horizontal, degrees	60
Beamwidth, Vertical, degrees	30.0
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
Polarization	Vertical
Impedance	50 ohm

General Specifications

Operating Frequency Band	806 – 869 MHz
Antenna Type	Sector
Band	Single band
Includes	V-bolts
Performance Note	Outdoor usage

Mechanical Specifications

RF Connector Quantity, total	1
RF Connector Quantity, low band	1
RF Connector Interface	N Female
Color	Silver
Grounding Type	RF connector inner conductor and body grounded to reflector and mounting bracket
Radiator Material	Aluminum
RF Connector Location	Bottom
Wind Speed, maximum	201 km/h 125 mph

Dimensions

Length	787.4 mm 31.0 in
Width	152.4 mm 6.0 in
Depth	25.4 mm 1.0 in

DB499-A

Net Weight, without mounting kit 2.3 kg | 5.1 lb

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

ISO 9001:2015

China RoHS SJ/T 11364-2014

CE

Classification

Compliant by Exemption

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

Above Maximum Concentration Value (MCV)

Compliant with the relevant CE product directives



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