



## DB495-A

**1-port sector (Corner Reflector) antenna, 806–896 MHz, 40° HPBW, fixed electrical tilt**

- Mechanically strong antenna
- Good forward coverage
- Broad response
- Stacked arrays

## Electrical Specifications

Frequency Band, MHz	806–896
Gain, dBi	11.1
Beamwidth, Horizontal, degrees	40
Beamwidth, Vertical, degrees	60.0
Beam Tilt, degrees	0
Front-to-Back Ratio at 180°, dB	25
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 – 896 MHz
Antenna Type	Sector
Band	Single band
Performance Note	Outdoor usage

## Mechanical Specifications

RF Connector Quantity, total	1
RF Connector Quantity, low band	1
RF Connector Interface	N Male
Color	Gold
Grounding Type	RF connector inner conductor and body grounded to reflector and mounting bracket
Radiator Material	Aluminum
RF Connector Location	Rear
Wind Loading, maximum	418.1 N @ 100 mph 94.0 lbf @ 100 mph
Wind Speed, maximum	161 km/h   100 mph

## Dimensions

Length	304.8 mm   12.0 in
Width	457.2 mm   18.0 in
Depth	355.6 mm   14.0 in
Net Weight, without mounting kit	4.5 kg   9.9 lb

## Regulatory Compliance/Certifications

DB495-A

**Agency**

RoHS 2011/65/EU

China RoHS SJ/T 11364-2006

ISO 9001:2008

**Classification**

Compliant by Exemption

Above Maximum Concentration Value (MCV)

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