



1-port sector (yagi) antenna, 824–896 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

**824–896**

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

<b>Operating Frequency Band</b>	824 – 896 MHz
<b>Antenna Type</b>	Sector
<b>Band</b>	Single band
<b>Includes</b>	V-bolts
<b>Performance Note</b>	Outdoor usage

## Mechanical Specifications

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

## Dimensions

<b>Length</b>	774.7 mm   30.5 in
<b>Width</b>	152.4 mm   6.0 in
<b>Depth</b>	25.4 mm   1.0 in

**Net Weight, without mounting kit** 2.3 kg | 5.1 lb

## Regulatory Compliance/Certifications

Agency	Classification
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