



DB499-C

Yagi Antenna, 824–896 MHz, 60° horizontal beamwidth, fixed electrical tilt

- 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
Beamwidth, Horizontal, degrees	60
Gain, dBi	12.1
Beamwidth, Vertical, degrees	30.0
Beam Tilt, degrees	0
Front-to-Back Ratio at 180°, dB	15
VSWR Return Loss, db	1.5:1 14.0
Input Power per Port, maximum, watts	150
Polarization	Vertical
Impedance	50 ohm
Lightning Protection	dc Ground

Mechanical Specifications

Color Radome Material	Silver
Connector Interface Location Quantity	N Female Bottom 1
Wind Speed, maximum	201.2 km/h 125.0 mph

Dimensions

Depth	25.4 mm 1.0 in
Length	774.70 mm 30.50 in
Width	152.40 mm 6.00 in
Net Weight	2.27 kg 5.00 lb

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2002/95/EC	Compliant by Exemption
China RoHS SJ/T 11364-2006	Above Maximum Concentration Value (MCV)
ISO 9001:2008	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

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Horizontal Pattern

Vertical Pattern

