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## DB809KE-XC

Andrew® Omni Antenna, 824–896 MHz, 360° horizontal beamwidth, fixed electrical tilt

- Omnidirectional antenna
- Rugged, durable design, heavy duty radome for minimum tip deflection
- Invert mountable

### **OBSOLETE**

This product was discontinued on: September 12, 2012

## Electrical Specifications

Frequency Band, MHz	824–896
Gain, dBi	11.1
Beamwidth, Horizontal, degrees	360
Beamwidth, Vertical, degrees	8.0
Beam Tilt, degrees	0
VSWR   Return Loss, dB	1.35   16.5
PIM, 5th Order, 2 x 20 W, dBc	-150
Input Power per Port, maximum, watts	500
Polarization	Vertical
Impedance	50 ohm

## Mechanical Specifications

Color	Horizon blue
Connector Interface	7-16 DIN Female
Connector Location	Bottom
Connector Quantity	1
Lightning Protection	dc Ground
Radome Material	Fiberglass, UV resistant
Wind Area, maximum	0.1 m <sup>2</sup>   1.5 ft <sup>2</sup>
Wind Loading, maximum	364.8 N @ 100 mph 82.0 lbf @ 100 mph
Wind Speed, maximum	362.1 km/h   225.0 mph

## Dimensions

Length	3708.0 mm   146.0 in
Outer Diameter	76.0 mm   3.0 in
Net Weight	12.2 kg   27.0 lb

## Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	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

# Product Specifications

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## Included Products

DB5091-3 — Pipe Mounting Kit for 3.5 in (88.9 mm) OD round members