



DB809KE-XC

Omni Antenna

Decibel®
Base Station Antennas

- Omnidirectional coverage
- Rugged, durable construction, heavy duty radome for minimum tip deflection
- Lightning resistant, with large diameter conductor extending top to bottom
- Invert mountable

ELECTRICAL

Frequency (MHz) :	824 - 896
Polarization :	Vertical
Gain (dBd/dBi) :	9/11.1
Azimuth BW (Deg.):	360
Elevation BW (Deg.):	8
Beam Tilt (Deg.):	0
VSWR :	<1.35:1
Max. Input Power (Watts) :	500
Impedance (Ohms) :	50
Lightning Protection :	DC Ground

MECHANICAL

Weight :	12.2 kg (27 lb)
Dimensions (LxOD) :	3,734 x 76 mm (147 x 3 in)
Max. Wind Area :	0.14 m ² (1.5 ft ²)
Max. Wind Load (@ 100 mph) :	364.7 N (82 lbf)
Max. Wind Speed :	362 km/h (225 mph)
Tip Deflection (@ 100 mph) :	2 °
Hardware Material :	Galvanized Steel
Connector Type :	7-16 DIN - Female (1, Bottom)
Color :	Horizon Blue
Standard Mounting Hardware :	DB5091-3



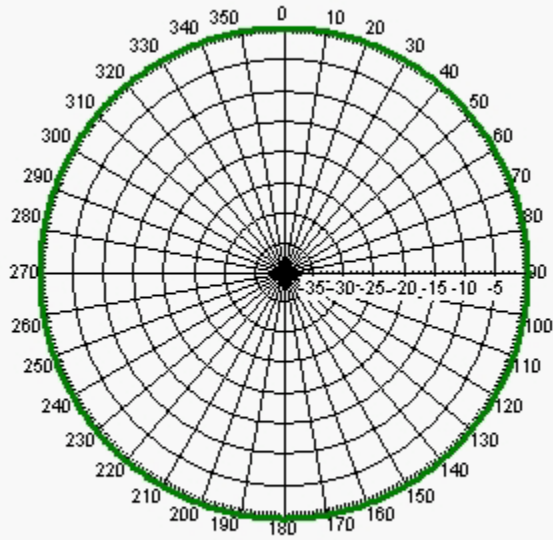


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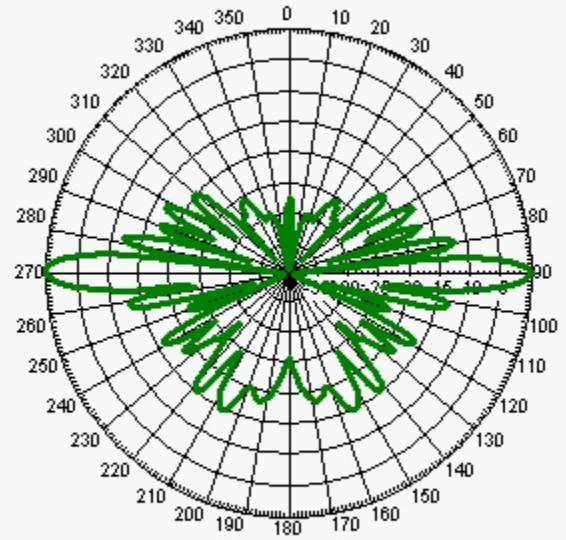
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AZIMUTH PATTERN



Freq: 880 MHz, Tilt: 0

ELEVATION PATTERN



Freq: 880 MHz, Tilt: 0