



DB909E-U

Omni Antenna

Decibel®
Base Station Antennas

- Omni directional coverage
- Rugged design, with tough, durable fiberglass radome
- Integrated mechanical mount for easy installation
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ELECTRICAL

Frequency (MHz) :	1920 - 2170
Polarization :	Vertical
Gain (dBd/dBi) :	8.9/11
Azimuth BW (Deg.):	360
Elevation BW (Deg.):	7
Beam Tilt (Deg.):	0
VSWR :	<1.5:1
PIM3 @ 2 x 20w (dBc) :	-150
Max. Input Power (Watts) :	250
Impedance (Ohms) :	50
Lightning Protection :	DC Ground

MECHANICAL

Weight :	5.0 kg (11.2 lb)
Dimensions (LxUO) :	1,397 x 51 mm (55 x 2 in)
Max. Wind Area :	0.04 m ² (0.4 ft ²)
Max. Wind Load (@ 100 mph) :	96.0 N (21.6 lbf)
Max. Wind Speed :	322 km/h (200 mph)
Hardware Material :	Stainless Steel
Connector Type :	7-16 DIN - Female (1, Bottom)
Color :	Light Gray
Standard Mounting Hardware :	622142



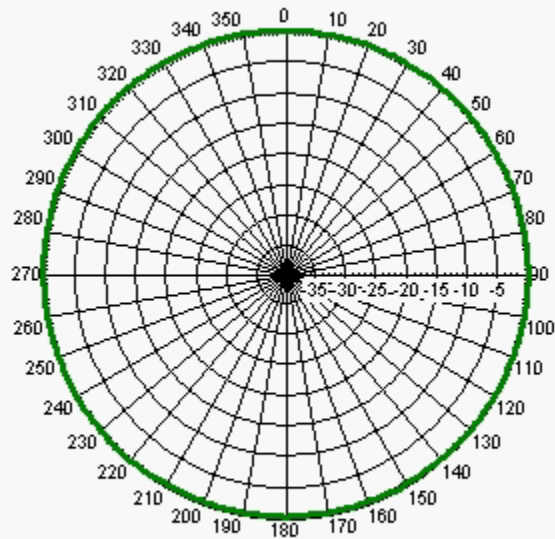


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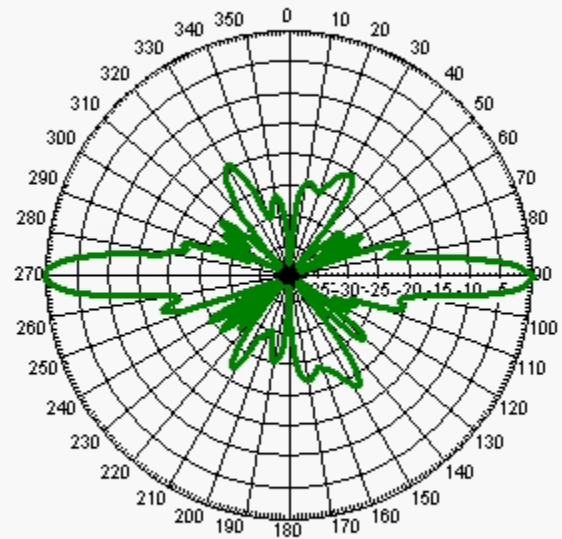
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AZIMUTH PATTERN



Freq: 2045 MHz, Tilt: 0

ELEVATION PATTERN



Freq: 2045 MHz, Tilt: 0