



# DB973G90-SR

Panel Antenna

**Decibel®**  
Base Station Antennas

- Upper side lobe suppression reducing co-channel interference
- Optimized for maximum gain on the horizon
- Low profile and common look provide for easier zoning and interchangeability
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## ELECTRICAL

Frequency (MHz) :	2100 - 2700
Polarization :	Vertical
Gain (dBd/dBi) :	9/11.1
Azimuth BW (Deg.):	90
Elevation BW (Deg.):	34
Beam Tilt (Deg.):	0
USLS* (dB) :	15
Front-To-Back Ratio* (dB) :	22
VSWR :	<1.5:1
Max. Input Power (Watts) :	100
Impedance (Ohms) :	50
Lightning Protection :	DC Ground



## MECHANICAL

Weight :	0.6 kg (1.5 lb)
Dimensions (LxWxD) :	203 x 76 x 71 mm (8 x 3 x 2.8 in)
Max. Wind Area :	0.01 m <sup>2</sup> (0.1 ft <sup>2</sup> )
Max. Wind Load (@ 100 mph) :	21.3 N (4.8 lbf)
Max. Wind Speed :	241 km/h (150 mph)
Hardware Material :	Galvanized Steel
Connector Type :	N - Type Female (1, Bottom)
Color :	Light Gray
Standard Mounting Hardware :	DB390

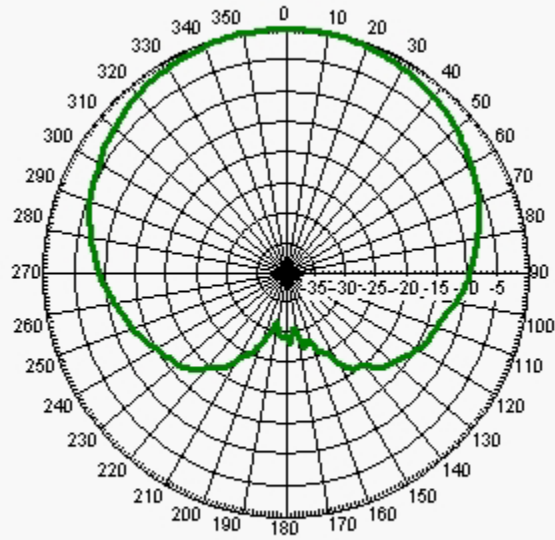


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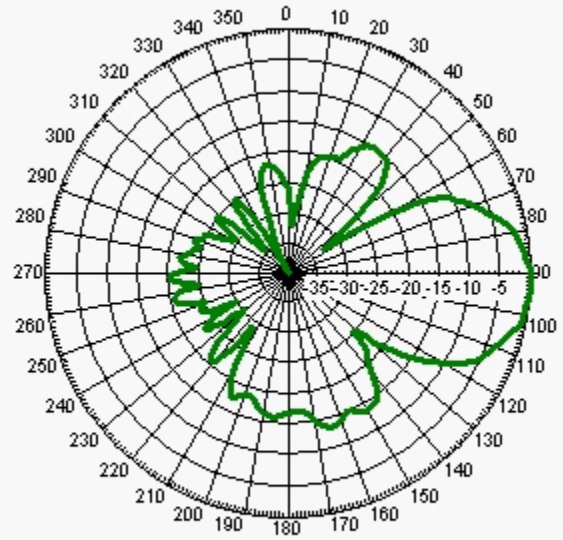
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## AZIMUTH PATTERN



Freq: 2500 MHz, Tilt: 0

## ELEVATION PATTERN



Freq: 2500 MHz, Tilt: 0