



# DB978G30E-M

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
- 100% factory tested for IM free performance

## ELECTRICAL

Frequency (MHz) :	1850 - 1990
Polarization :	Vertical
Gain (dBd/dBi) :	18.7/20.8
Azimuth BW (Deg.):	30
Elevation BW (Deg.):	7
Beam Tilt (Deg.):	0
USLS* (dB) :	16
Front-To-Back Ratio* (dB) :	40
VSWR :	<1.33:1
PIM3 @ 2 x 20w (dBc) :	-150
Max. Input Power (Watts) :	250
Impedance (Ohms) :	50
Lightning Protection :	DC Ground

## MECHANICAL

Weight :	7.9 kg (17.5 lb)
Dimensions (LxWxD) :	1,295 x 330 x 152 mm (51 x 13 x 6 in)
Max. Wind Area :	0.36 m <sup>2</sup> (3.9 ft <sup>2</sup> )
Max. Wind Load (@ 100 mph) :	698.3 N (157 lbf)
Max. Wind Speed :	201 km/h (125 mph)
Hardware Material :	Galvanized Steel
Connector Type :	7-16 DIN - Female (1, Bottom)
Color :	Light Gray
Standard Mounting Hardware :	DB390
Standard Downtilt Mounting Hardware :	DB5098



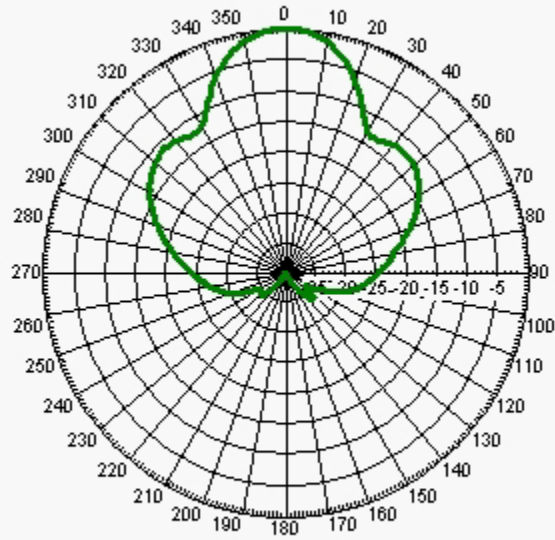


# DB978G30E-M

Panel Antenna

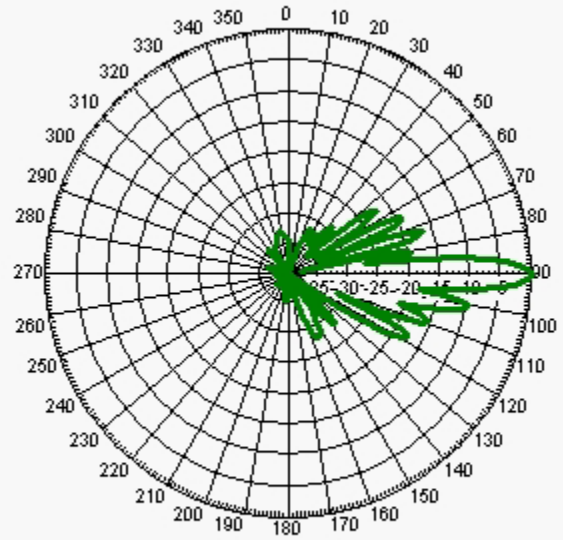
**Decibel®**  
Base Station Antennas

## AZIMUTH PATTERN



Freq: 1910 MHz, Tilt: 0

## ELEVATION PATTERN



Freq: 1910 MHz, Tilt: 0