



DB950G40E-M

Directed Dipole Antenna

Decibel®
Base Station Antennas

- Exceptional azimuth roll-off reducing soft hand-offs and improving capacity
- Deep null filling below the horizon assures improved signal intensity
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ELECTRICAL

Frequency (MHz) :	1850 - 1990
Polarization :	Vertical
Gain (dBd/dBi) :	18.6/20.7
Azimuth BW (Deg.):	40
Elevation BW (Deg.):	6
Beam Tilt (Deg.):	0
Front-To-Back Ratio* (dB) :	40
VSWR :	<1.4:1
PIM3 @ 2 x 20w (dBc) :	-150
Max. Input Power (Watts) :	250
Impedance (Ohms) :	50
Lightning Protection :	DC Ground

MECHANICAL

Weight :	8.6 kg (19 lb)
Dimensions (LxWxD) :	1,524 x 279 x 203 mm (60 x 11 x 8 in)
Max. Wind Area :	0.24 m ² (2.6 ft ²)
Max. Wind Load (@ 100 mph) :	644.9 N (145 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
WeatherShield™ Enclosure: (Must order separately)	AWE-A12



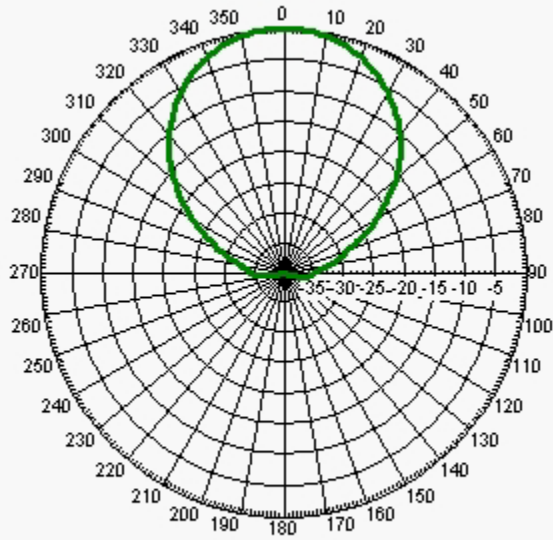


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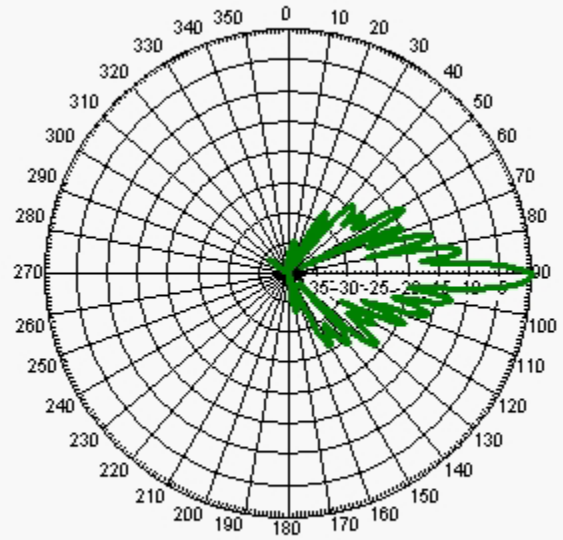
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AZIMUTH PATTERN



Freq: 1920 MHz, Tilt: 0

ELEVATION PATTERN



Freq: 1920 MHz, Tilt: 0