



DB874G35A-XY

Panel Antenna

Decibel®
Base Station Antennas

- Air Dielectric feed system featuring no screws, welds, solder or rivets in dipole feedpoint
- Low loss feed system provides improved gain per unit length
- Low noise due to superior intermodulation performance
- Ideal for corridor coverage applications

ELECTRICAL

Frequency (MHz) :	806 - 896	870 - 960
Polarization :	Vertical	Vertical
Gain (dBd/dBi) :	16/18.1	16.5/18.6
Azimuth BW (Deg.):	37	35
Elevation BW (Deg.):	15.5	14.5
Beam Tilt (Deg.):	0	0
USLS* (dB) :	18	18
Front-To-Back Ratio* (dB) :	25	25
VSWR :	<1.33:1	<1.33:1
PIM3 @ 2 x 20w (dBc) :	-150	-150
Max. Input Power (Watts) :	500	500
Impedance (Ohms) :	50	50
Lightning Protection :	DC Ground	DC Ground



MECHANICAL

Weight :	7.9 kg (17.5 lb)
Dimensions (LxWxD) :	1,232 x 470 x 127 mm (48.5 x 18.5 x 5 in)
Max. Wind Area :	0.49 m ² (5.3 ft ²)
Max. Wind Load (@ 100 mph) :	947.4 N (213 lbf)
Max. Wind Speed :	241 km/h (150 mph)
Hardware Material :	Galvanized Steel
Connector Type :	7-16 DIN - Female (1, Back)
Color :	Light Gray
Standard Mounting Hardware :	DB380
Standard Downtilt Mounting Hardware :	DB5083



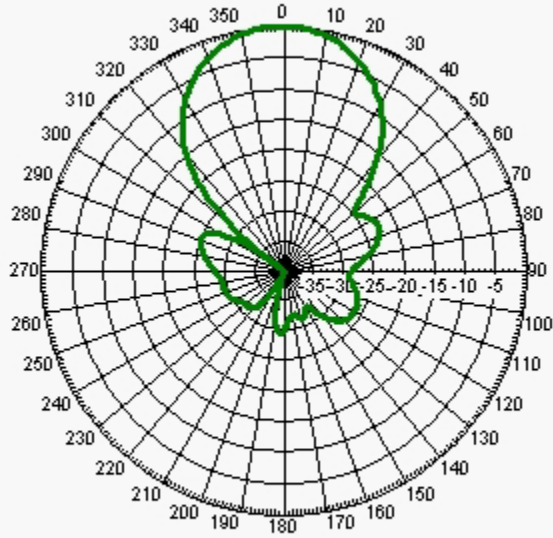
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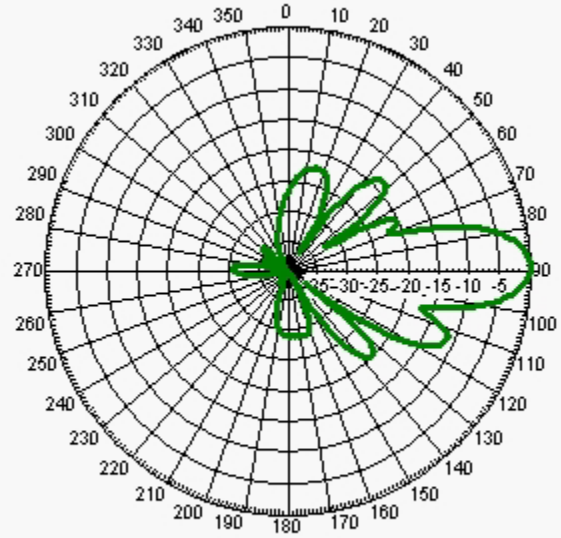
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AZIMUTH PATTERN

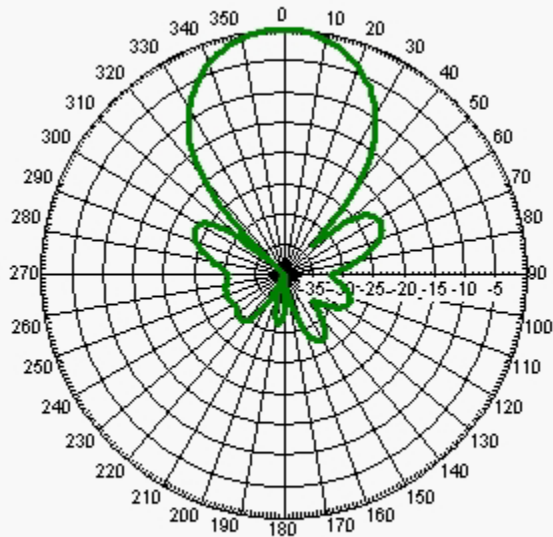
ELEVATION PATTERN



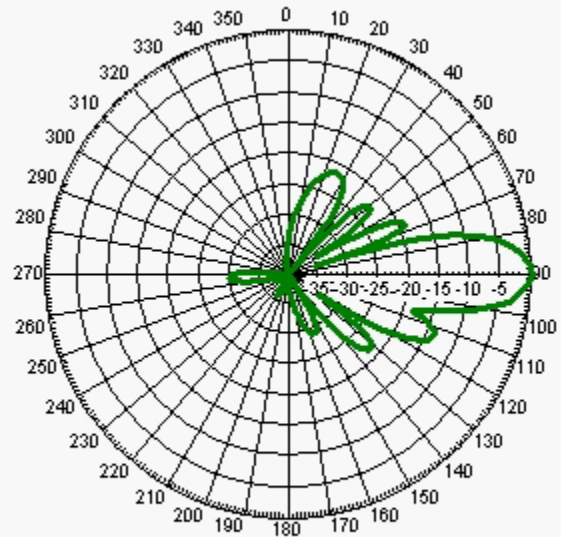
Freq: 850 MHz, Tilt: 0



Freq: 850 MHz, Tilt: 0



Freq: 920 MHz, Tilt: 0



Freq: 920 MHz, Tilt: 0