



DB874G65A-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
- Low profile appearance and low wind loading profile for easier zoning approvals

ELECTRICAL

Frequency (MHz) :	806 - 896	870 - 960
Polarization :	Vertical	Vertical
Gain (dBd/dBi) :	13.3/15.4	14/16.1
Azimuth BW (Deg.):	65	62
Elevation BW (Deg.):	16	15.5
Beam Tilt (Deg.):	0	0
USLS* (dB) :	18	18
Front-To-Back Ratio* (dB) :	27	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 :	6.1 kg (13.5 lb)
Dimensions (LxWxD) :	1,219 x 305 x 127 mm (48 x 12 x 5 in)
Max. Wind Area :	0.20 m ² (2.2 ft ²)
Max. Wind Load (@ 100 mph) :	524.8 N (118 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
WeatherShield™ Enclosure: (Must order separately)	AWE-A12

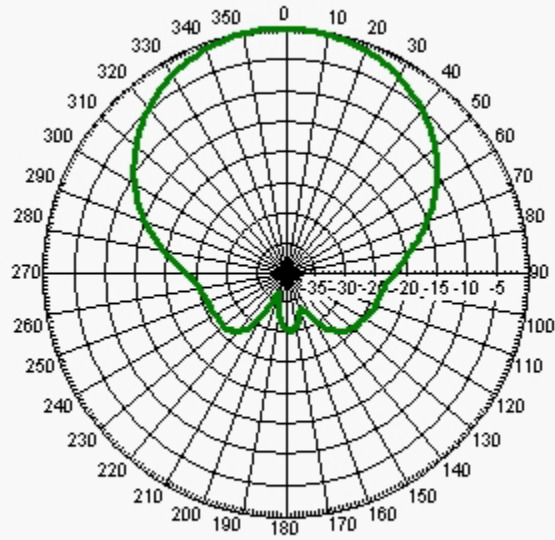


DB874G65A-XY

Panel Antenna

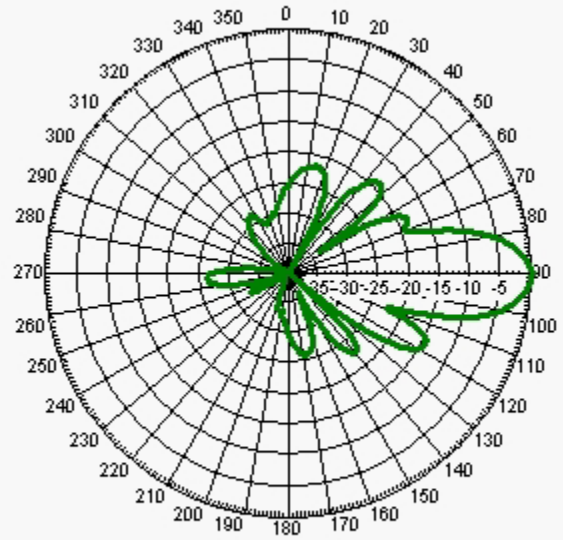
Decibel®
Base Station Antennas

AZIMUTH PATTERN



Freq: 850 MHz, Tilt: 0

ELEVATION PATTERN



Freq: 850 MHz, Tilt: 0