



SA3400-120V-15

Panel Antenna

Decibel®
Base Station Antennas

- Broadband Sector Antenna ideally suited to WiMax and WLL applications
- High performance in a small, lightweight package
- Compliant to ETSI EN 302 085, class CS2
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ELECTRICAL

Frequency (MHz) :	3300 - 3800
Polarization :	Vertical
Gain (dBd/dBi) :	12.8/14.9
Azimuth BW (Deg.):	120
Elevation BW (Deg.):	7
Beam Tilt (Deg.):	2
USLS* (dB) :	20
Front-To-Back Ratio* (dB) :	32
VSWR :	<1.5:1
PIM3 @ 2 x 20w (dBc) :	-140
Max. Input Power (Watts) :	50
Impedance (Ohms) :	50
Lightning Protection :	DC Ground

MECHANICAL

Weight :	4.7 kg (10.5 lb)
Dimensions (LxWxD) :	711 x 157 x 81 mm (28 x 6.2 x 3.2 in)
Max. Wind Area :	0.04 m ² (0.4 ft ²)
Max. Wind Load (@ 100 mph) :	109.4 N (24.6 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
Standard Downtilt Mounting Hardware :	DB5098-WM



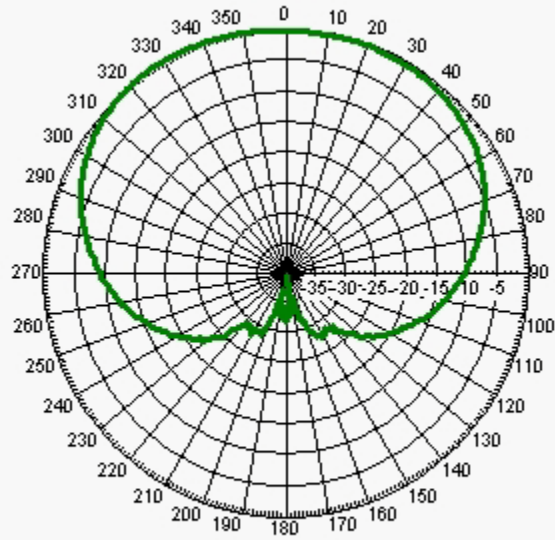


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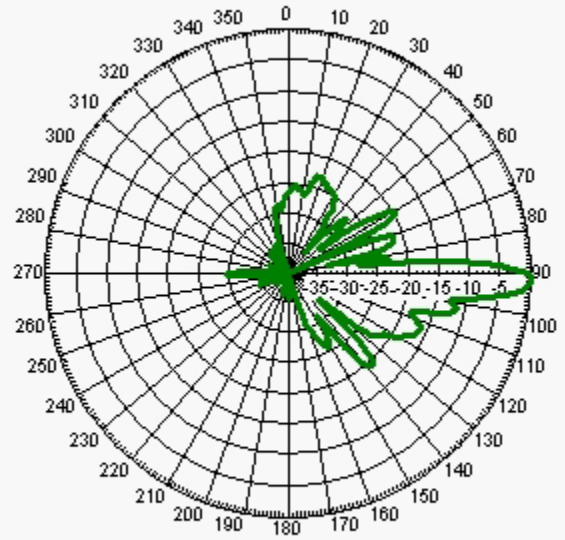
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AZIMUTH PATTERN



Freq: 3400 MHz, Tilt: 2

ELEVATION PATTERN



Freq: 3600 MHz, Tilt: 2