



# SA3400-090X-16

DualPol® 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 :	±45°
Gain (dBd/dBi) :	13.8/15.9
Azimuth BW (Deg.):	90
Elevation BW (Deg.):	6.8
Beam Tilt (Deg.):	2
USLS* (dB) :	18
Front-To-Back Ratio* (dB) :	36
Isolation (dB) :	>25
VSWR :	<1.5:1
PIM3 @ 2 x 20w (dBc) :	-140
Max. Input Power (Watts) :	50
Impedance (Ohms) :	50
Lightning Protection :	DC Ground

## MECHANICAL

Weight :	5.6 kg (12.5 lb)
Dimensions (LxWxD) :	711 x 157 x 61 mm (28 x 6.2 x 2.4 in)
Max. Wind Area :	0.05 m <sup>2</sup> (0.5 ft <sup>2</sup> )
Max. Wind Load (@ 100 mph) :	137.8 N (31 lbf)
Max. Wind Speed :	241 km/h (150 mph)
Hardware Material :	Galvanized Steel
Connector Type :	N - Type Female (2, Bottom)
Color :	Light Gray
Standard Mounting Hardware :	DB390
Standard Downtilt	
Mounting Hardware :	DB5098-WM



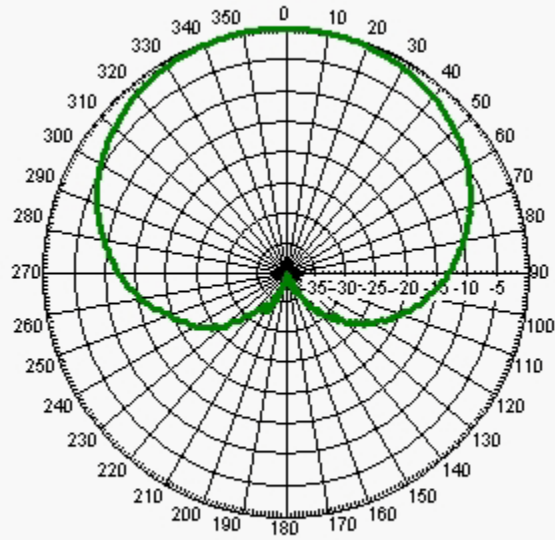


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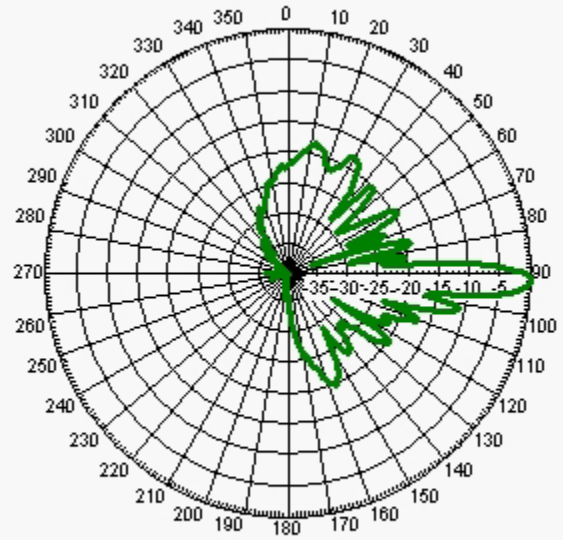
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## AZIMUTH PATTERN



Freq: 3700 MHz, Tilt: 2

## ELEVATION PATTERN



Freq: 3800 MHz, Tilt: 2