



# 932DG65T4EKL

DualPol® Antenna

**Decibel®**  
Base Station Antennas

- Features air dielectric feed system for maximum array efficiency and lowest loss
- No fasteners, rivets, soldering or welding in critical element-to-transformer circuit
- Strong first upper side lobe suppression
- Excellent gain per unit length of antenna

## ELECTRICAL

Frequency (MHz) :	1710 - 1880
Polarization :	±45°
Gain (dBd/dBi) :	15.9/18
Azimuth BW (Deg.):	65
Elevation BW (Deg.):	7
Beam Tilt (Deg.):	4
USLS* (dB) :	18
Front-To-Back Ratio* (dB) :	30
Isolation (dB) :	>30
VSWR :	<1.33:1
PIM3 @ 2 x 20w (dBc) :	-150
Max. Input Power (Watts) :	250
Impedance (Ohms) :	50
Lightning Protection :	DC Ground

## MECHANICAL

Weight :	4.3 kg (9.5 lb)
Dimensions (LxWxD) :	1,295 x 178 x 76 mm (51 x 7 x 3 in)
Max. Wind Area :	0.15 m <sup>2</sup> (1.6 ft <sup>2</sup> )
Max. Wind Load (@ 100 mph) :	293.5 N (66 lbf)
Max. Wind Speed :	241 km/h (150 mph)
Hardware Material :	Galvanized Steel
Connector Type :	7-16 DIN - Female (2, Bottom)
Color :	Light Gray
Standard Mounting Hardware :	DB390
Standard Downtilt Mounting Hardware :	DB5098



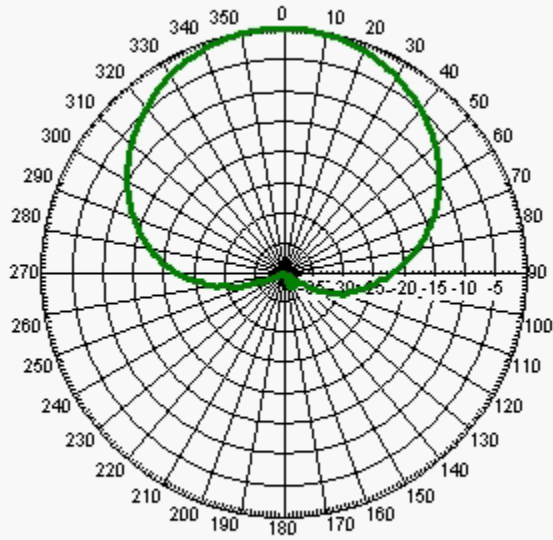


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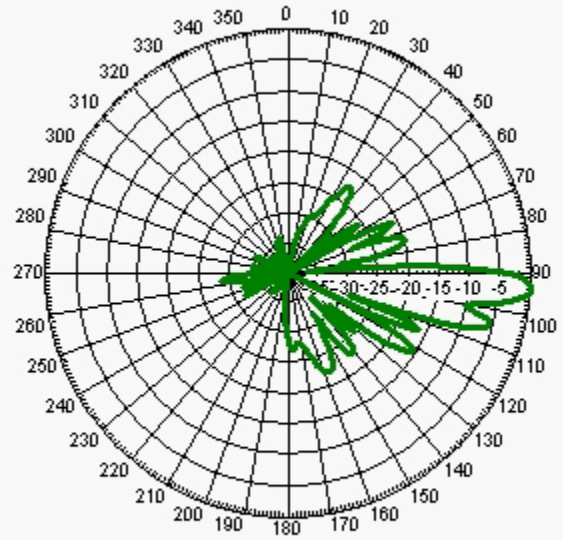
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## AZIMUTH PATTERN



Freq: 1850 MHz, Tilt: 4

## ELEVATION PATTERN



Freq: 1850 MHz, Tilt: 4