



932QLG65VTEB

Directed Dipole Antenna

Decibel®
Base Station Antennas

- Provides two independent dual pol antennas under one radome
- Provides continuous wideband coverage 1710-2170 MHz
- Each antenna is independently capable of field adjustable electrical down tilt
- Fully compatible with Andrew Teletilt® remote antenna control system.

ELECTRICAL

Frequency (MHz) :	1710 - 1880	1850 - 1990	1920 - 2170
Polarization :	±45°	±45°	±45°
Gain (dBd/dBi) :	15/17.1	15.4/17.5	14.9/17
Azimuth BW (Deg.):	68	67	69
Elevation BW (Deg.):	7.3	6.8	6.3
Beam Tilt (Deg.):	0-8	0-8	0-8
USLS* (dB) :	15	18	18
Front-To-Back Ratio* (dB) :	35	35	35
Isolation (dB) :	>30	>30	>30
VSWR :	<1.5:1	<1.35:1	<1.5:1
PIM3 @ 2 x 20w (dBc) :	-150	-150	-150
Max. Input Power (Watts) :	250	250	250
Impedance (Ohms) :	50	50	50
Lightning Protection :	DC Ground	DC Ground	DC Ground

MECHANICAL

Weight :	16.7 kg (37 lb)
Dimensions (LxWxD) :	1,308 x 414 x 203 mm (51.5 x 16.3 x 8 in)
Max. Wind Area :	0.20 m ² (2.2 ft ²)
Max. Wind Load (@ 100 mph) :	542.6 N (122 lbf)
Max. Wind Speed :	201 km/h (125 mph)
Hardware Material :	Galvanized Steel
Connector Type :	7-16 DIN - Female (4, Bottom)
Color :	Light Gray
Standard Mounting Hardware :	DB380
Standard Downtilt	
Mounting Hardware :	DB5083



RET Ordering Information

Field Installed:	932QLG65VTEB
Factory Installed, ATM200 Series:	932QLG65R2EB

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Richardson, Texas U.S.A 75082-3521
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* - Indicates Typical
5/10/2006
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Information correct at date of issue but may be subject to change without notice.



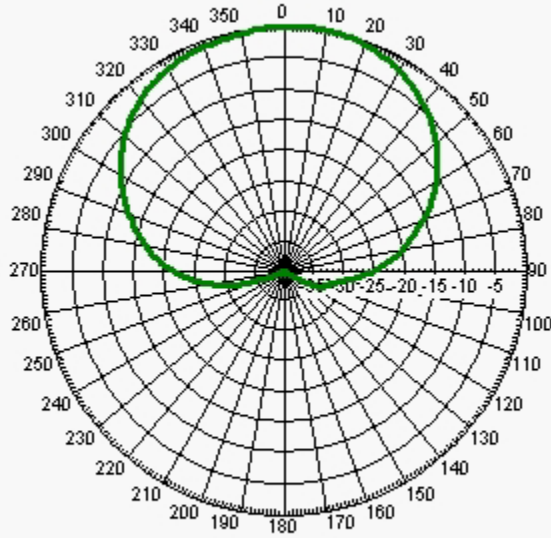
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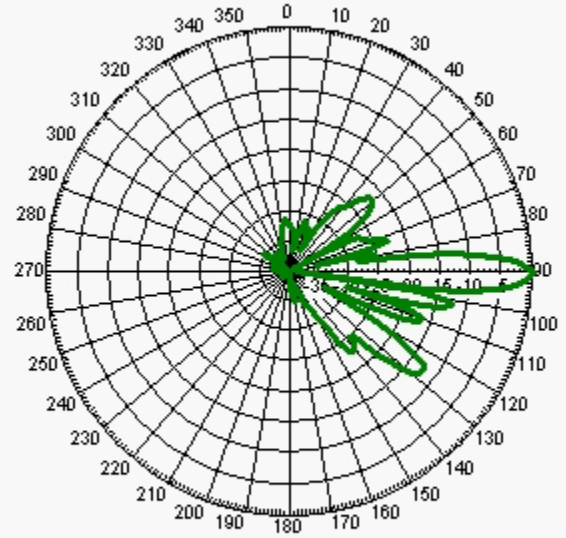
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AZIMUTH PATTERN

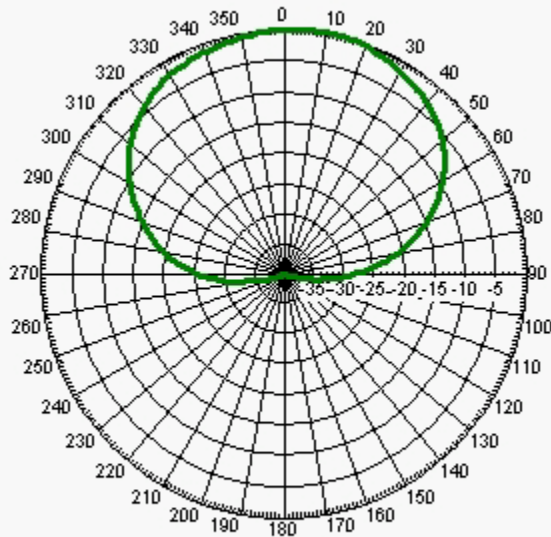
ELEVATION PATTERN



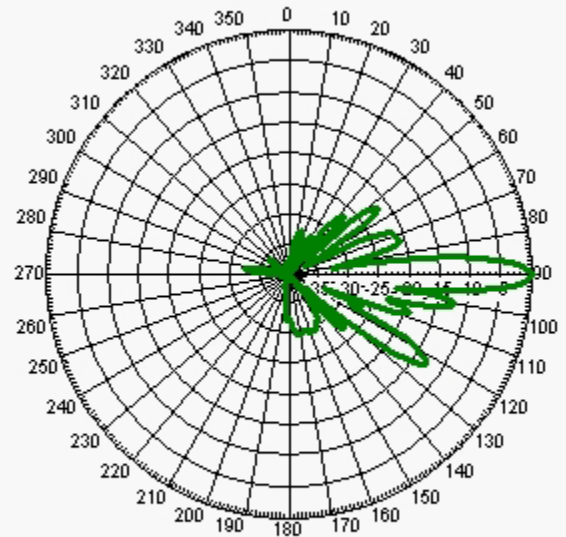
Freq: 1785 MHz, Tilt: 0



Freq: 1785 MHz, Tilt: 0



Freq: 1920 MHz, Tilt: 0



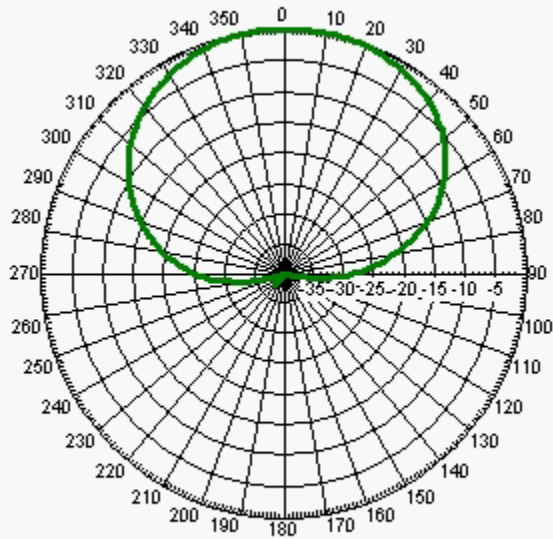
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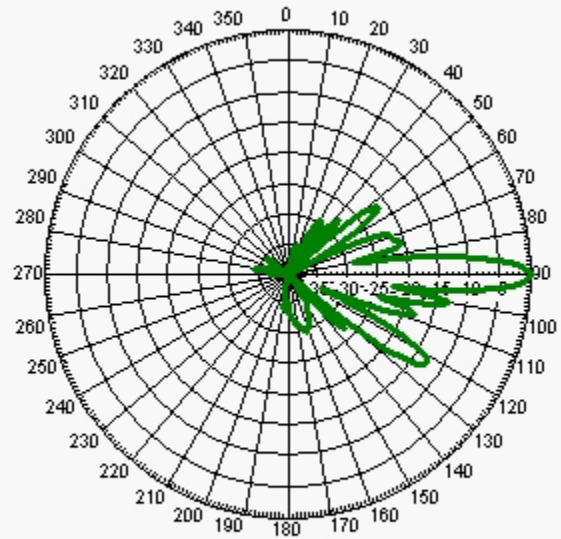
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Freq: 2110 MHz, Tilt: 0



Freq: 2110 MHz, Tilt: 0