



# ASPP2933E

Omni Antenna

**DECIBEL®**  
Base Station Antennas

- Omnidirectional coverage
- Rugged, durable construction, heavy duty radome for minimum tip deflection
- Lightning resistant, with large diameter conductor extending top to bottom
- Invert mountable

## ELECTRICAL

Frequency (MHz) :	1850 - 1990
Polarization :	Vertical
Gain (dBd/dBi) :	3/5.1
Azimuth BW (Deg.):	360
Elevation BW (Deg.):	32
Beam Tilt (Deg.):	0
VSWR :	<1.5:1
Max. Input Power (Watts) :	250
Impedance (Ohms) :	50
Lightning Protection :	DC Ground

## MECHANICAL

Weight :	1.8 kg (4 lb)
Dimensions (LxOD) :	635 x 38 mm (25 x 1.5 in)
Max. Wind Area :	0.01 m <sup>2</sup> (0.1 ft <sup>2</sup> )
Max. Wind Load (@ 100 mph) :	31.1 N (7 lbf)
Max. Wind Speed :	201 km/h (125 mph)
Hardware Material :	Galvanized Steel
Connector Type :	7-16 DIN - Female (1, Bottom)
Color :	White
Standard Mounting Hardware :	ASPA 320





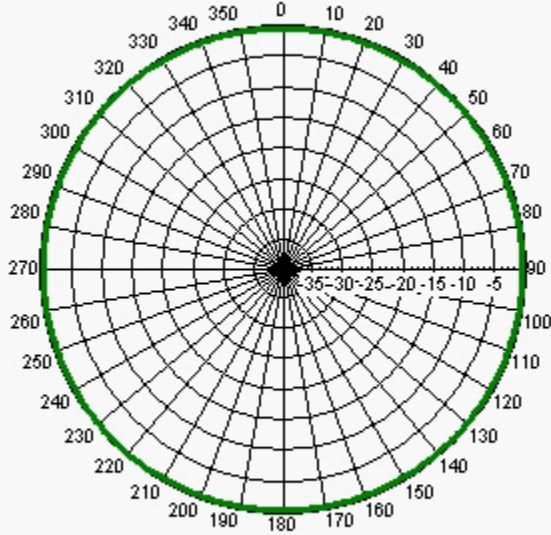
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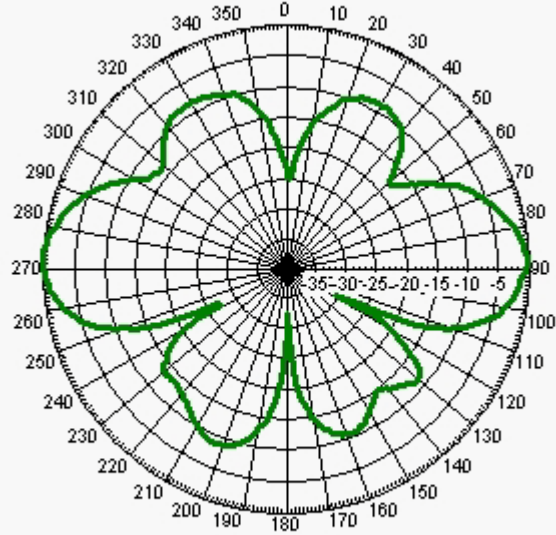
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## AZIMUTH PATTERN

## ELEVATION PATTERN



Freq: 1920 MHz, Tilt: 0



Freq: 1920 MHz, Tilt: 0