



DB633-C

Omni Antenna

Decibel®
Base Station Antennas

- Omni directional 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) :	450 - 482
Polarization :	Vertical
Gain (dBd/dBi) :	3/5.1
Azimuth BW (Deg.):	360
Elevation BW (Deg.):	35
Beam Tilt (Deg.):	0
VSWR :	<1.5:1
Max. Input Power (Watts) :	500
Impedance (Ohms) :	50
Lightning Protection :	DC Ground

MECHANICAL

Weight :	3.6 kg (8 lb)
Dimensions (LxUO) :	1,435 x 51 mm (56.5 x 2 in)
Max. Wind Area :	0.06 m ² (0.6 ft ²)
Max. Wind Load (@ 100 mph) :	87.1 N (19.6 lbf)
Max. Wind Speed :	201 km/h (125 mph)
Hardware Material :	Galvanized Steel
Connector Type :	N - Type Female (1, Bottom)
Color :	Horizon Blue
Standard Mounting Hardware :	DB365-OS



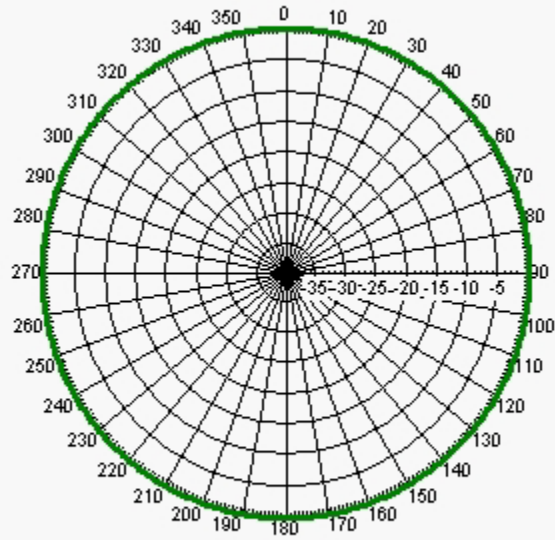


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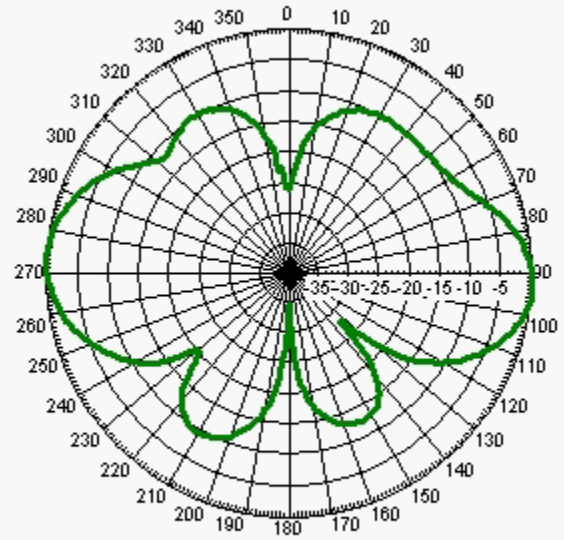
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AZIMUTH PATTERN



Freq: 450 MHz, Tilt: 0

ELEVATION PATTERN



Freq: 450 MHz, Tilt: 0