



DB224-SM

Omni, Exposed Dipole Antenna

Base Station Antenna

- Optimized for public safety frequency
- Excellent return loss
- Rugged, reliable construction
- Two piece mast for ease of shipment

ELECTRICAL

Frequency (MHz) :	139 - 143
Polarization :	Vertical
Gain (dBd/dBi) :	6/8.1
Azimuth BW (Deg.):	360
Elevation BW (Deg.):	16
Beam Tilt (Deg.):	0
VSWR :	<1.4:1
Max. Input Power (Watts) :	500
Impedance (Ohms) :	50
Lightning Protection :	DC Ground

MECHANICAL

Weight :	14.5 kg (32 lb)
Dimensions (LxWxD) :	6,477 x 51 x 203 mm (255 x 2 x 8 in)
Max. Wind Area :	0.30 m ² (3.2 ft ²)
Max. Wind Load (@ 100 mph) :	560.4 N (126 lbf)
Max. Wind Speed :	208 km/h (129 mph)
Hardware Material :	Galvanized Steel
Connector Type :	N - Type Male (1, Bottom)
Color :	Silver
Standard Mounting Hardware :	DB365-OS



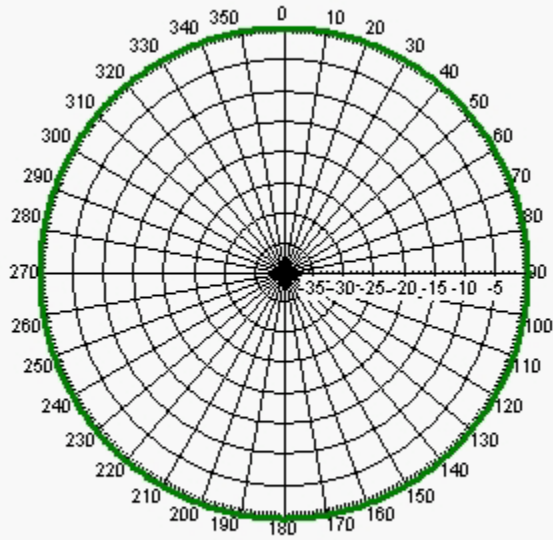


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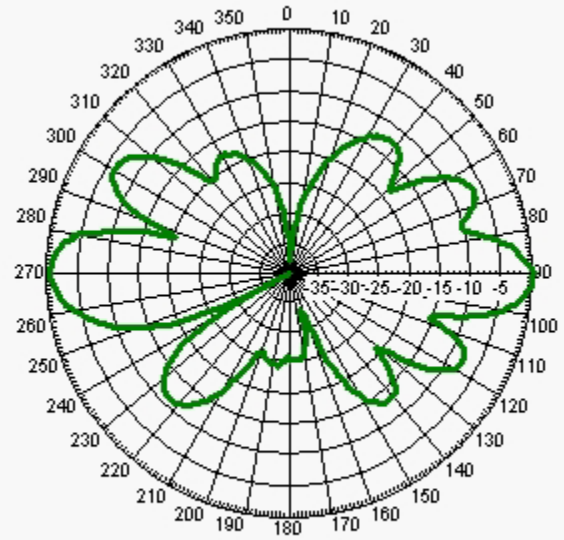
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AZIMUTH PATTERN



Freq: 139 MHz, Tilt: 0

ELEVATION PATTERN



Freq: 139 MHz, Tilt: 0