



PCS-09016-0DH

Panel Antenna

Base Station Antenna

- State of the art air dielectric feed system
- No screws, welds, solder in critical RF feed path
- Exceptional low PIM results
- Lightweight, low profile for easy installation

ELECTRICAL

Frequency (MHz) :	1710 - 1880	1850 - 1990
Polarization :	Vertical	Vertical
Gain (dBd/dBi) :	15.5/17.6	15.7/17.8
Azimuth BW (Deg.):	90	90
Elevation BW (Deg.):	5	4.5
Beam Tilt (Deg.):	0	0
USLS* (dB) :	15	15
Front-To-Back Ratio* (dB) :	25	27
VSWR :	<1.4:1	<1.4:1
PIM3 @ 2 x 20w (dBc) :	-150	-150
Max. Input Power (Watts) :	250	250
Impedance (Ohms) :	50	50
Lightning Protection :	DC Ground	DC Ground

MECHANICAL

Weight :	7.3 kg (16.3 lb)
Dimensions (LxWxD) :	1,930 x 178 x 89 mm (76 x 7 x 3.5 in)
Max. Wind Area :	0.24 m ² (2.6 ft ²)
Max. Wind Load (@ 100 mph) :	636.0 N (143 lbf)
Max. Wind Speed :	241 km/h (150 mph)
Hardware Material :	Galvanized Steel
Connector Type :	7-16 DIN - Female (1, Bottom)
Color :	Off White
Standard Mounting Hardware :	602030A
WeatherShield™ Enclosure: (Must order separately)	AWE-A12





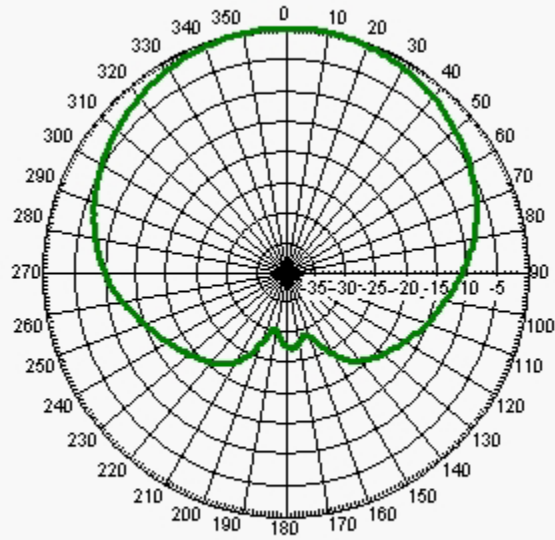
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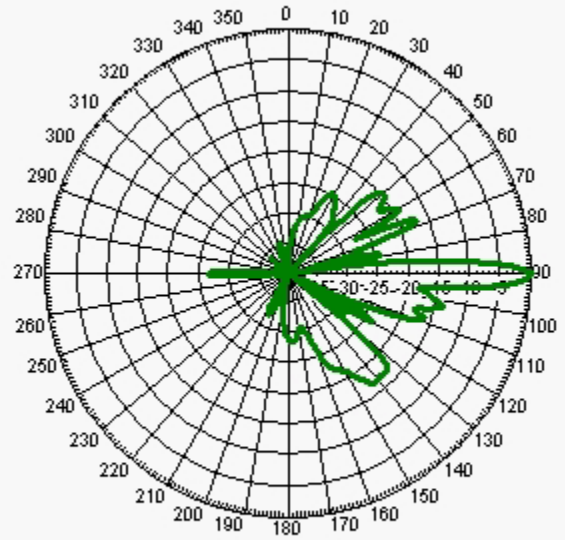
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AZIMUTH PATTERN

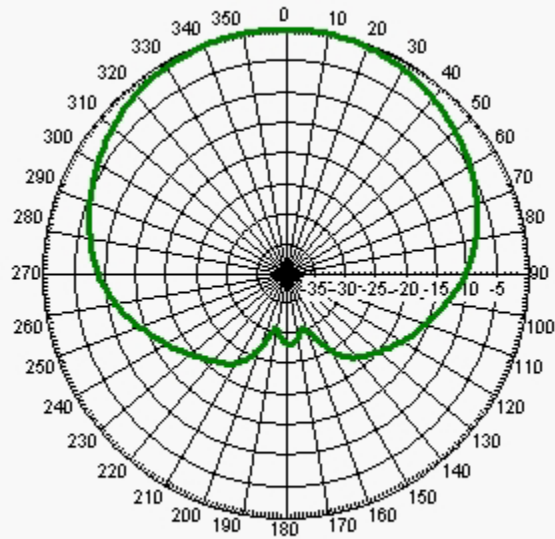
ELEVATION PATTERN



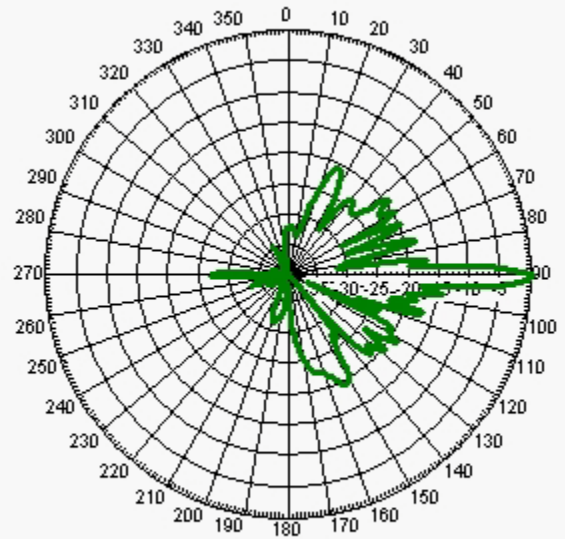
Freq: 1790 MHz, Tilt: 0



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Freq: 1920 MHz, Tilt: 0



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