



# CTSDG-06513-4DM

DualPol® Antenna

**Decibel®**  
Base Station Antennas

- State of the art air dielectric feed system.
- No screws, fasteners, welds or solder in RF path for exceptional low PIM results.
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## ELECTRICAL

Frequency (MHz) :	806 - 896	870 - 960
Polarization :	±45°	±45°
Gain (dBd/dBi) :	12.5/14.6	12.7/14.8
Azimuth BW (Deg.):	65	65
Elevation BW (Deg.):	15.5	14.5
Beam Tilt (Deg.):	4	4
USLS* (dB) :	15	15
Front-To-Back Ratio* (dB) :	30	30
Isolation (dB) :	>30	>30
VSWR :	<1.3:1	<1.3:1
PIM3 @ 2 x 20w (dBc) :	-150	-150
Max. Input Power (Watts) :	500	500
Impedance (Ohms) :	50	50
Lightning Protection :	DC Ground	DC Ground



## MECHANICAL

Weight :	9.3 kg (20.5 lb)
Dimensions (LxWxD) :	1,295 x 269 x 132 mm (51 x 10.6 x 5.2 in)
Max. Wind Area :	0.20 m <sup>2</sup> (2.2 ft <sup>2</sup> )
Max. Wind Load (@ 100 mph) :	524.8 N (118 lbf)
Max. Wind Speed :	241 km/h (150 mph)
Hardware Material :	Galvanized Steel
Connector Type :	7-16 DIN - Female (2, Bottom)
Color :	Off White
Standard Mounting Hardware :	600899A-2
WeatherShield™ Enclosure: (Must order separately)	AWE-A12



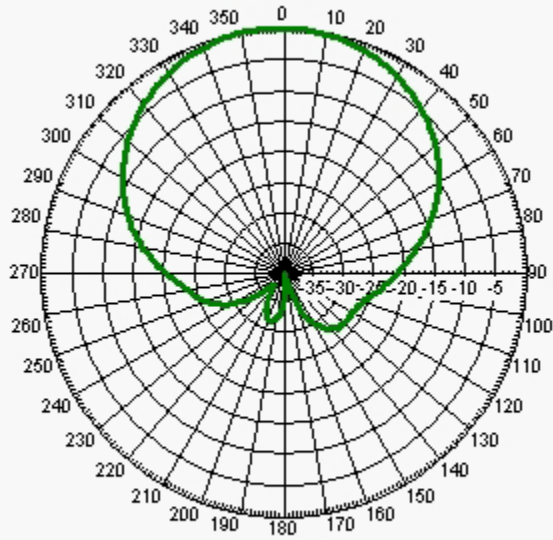
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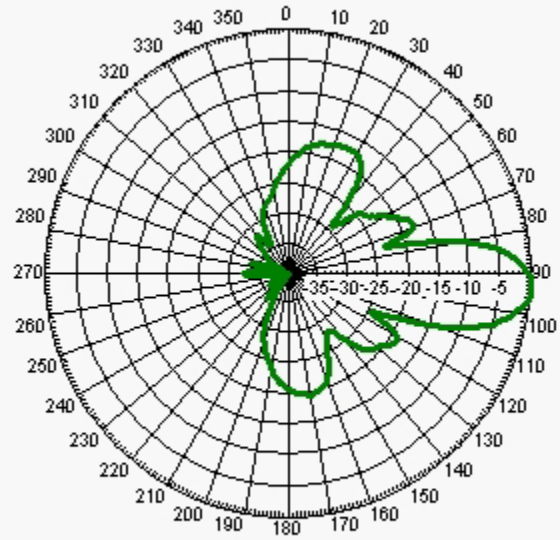
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## AZIMUTH PATTERN

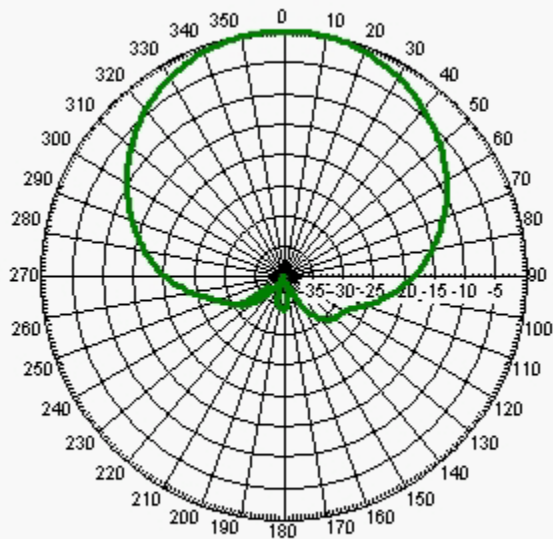
## ELEVATION PATTERN



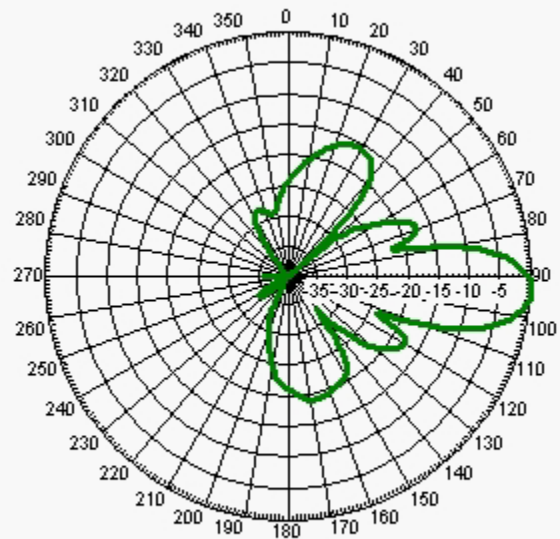
Freq: 860 MHz, Tilt: 4



Freq: 860 MHz, Tilt: 4



Freq: 915 MHz, Tilt: 4



Freq: 915 MHz, Tilt: 4