



# CTSG-12010-ODM

Panel 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.
- 
- 

## ELECTRICAL

Frequency (MHz) :	806 - 894	870 - 960
Polarization :	Vertical	Vertical
Gain (dBd/dBi) :	10.8/12.9	10.9/13
Azimuth BW (Deg.):	120	120
Elevation BW (Deg.):	15	14
Beam Tilt (Deg.):	0	0
USLS* (dB) :	15	15
Front-To-Back Ratio* (dB) :	22	21
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 :	9.0 kg (20 lb)
Dimensions (LxWxD) :	1,298 x 267 x 132 mm (51.1 x 10.5 x 5.2 in)
Max. Wind Area :	0.17 m <sup>2</sup> (1.8 ft <sup>2</sup> )
Max. Wind Load (@ 100 mph) :	444.8 N (100 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 :	600899A-2
WeatherShield™ Enclosure: (Must order separately)	AWE-A12



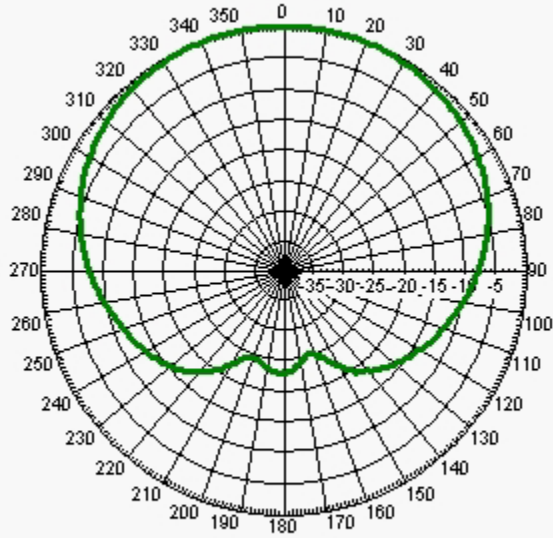
# CTSG-12010-ODM

Panel Antenna

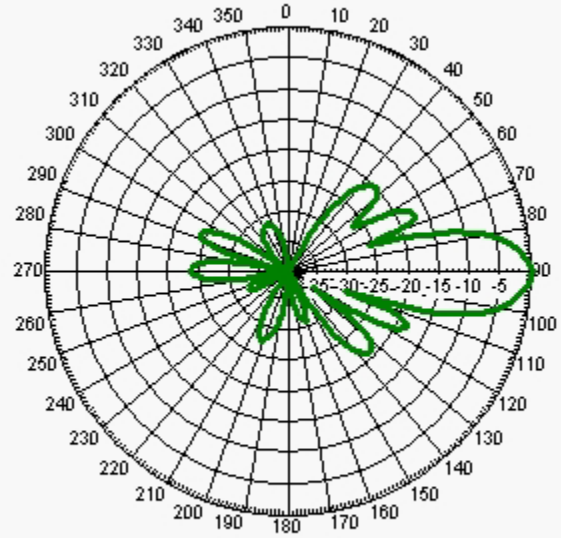
**Decibel®**  
Base Station Antennas

## AZIMUTH PATTERN

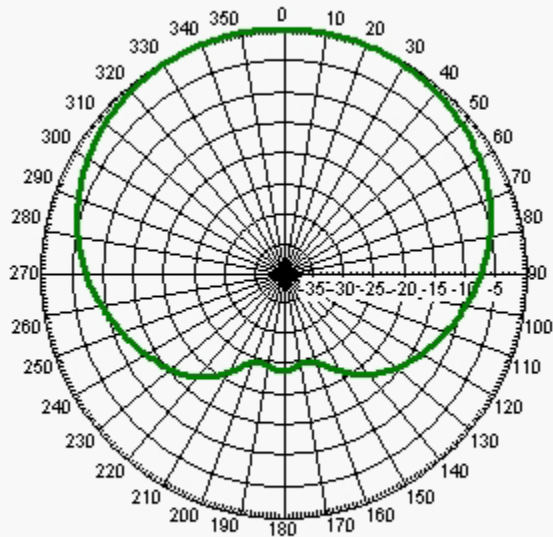
## ELEVATION PATTERN



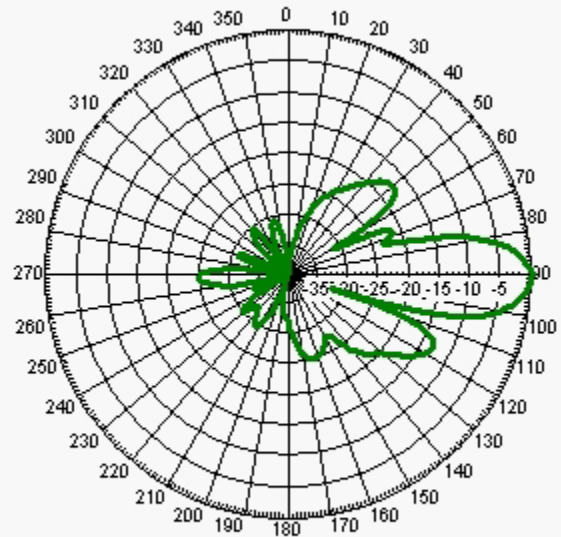
Freq: 850 MHz, Tilt: 0



Freq: 850 MHz, Tilt: 0



Freq: 940 MHz, Tilt: 0



Freq: 940 MHz, Tilt: 0