

REAL TIME. ON-LINE. WIRELESS.



## Key Features

- Working Frequency 433MHz
- Excellent Radiation Pattern
- Designed to operate with WSR-T2 Reader Electronic
- Optimized Reading Distance with TempTrackr Sensor Modules

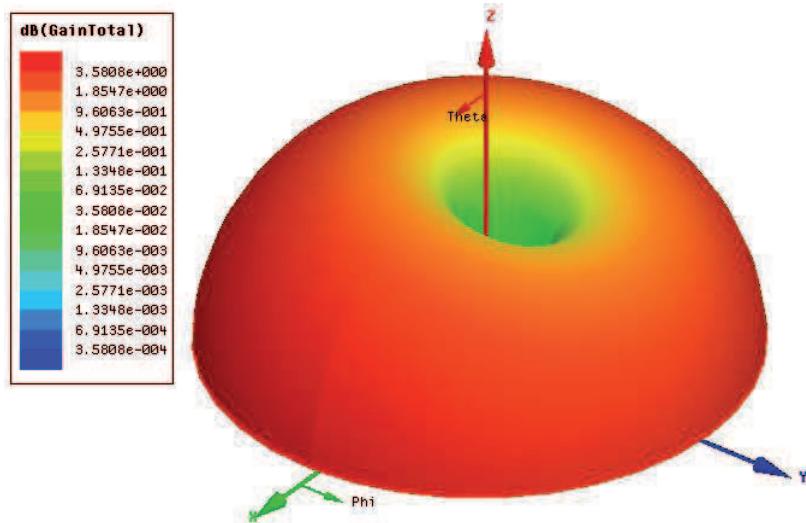
## Typical Applications

- Use in Switchgear or Breaker Cabinet

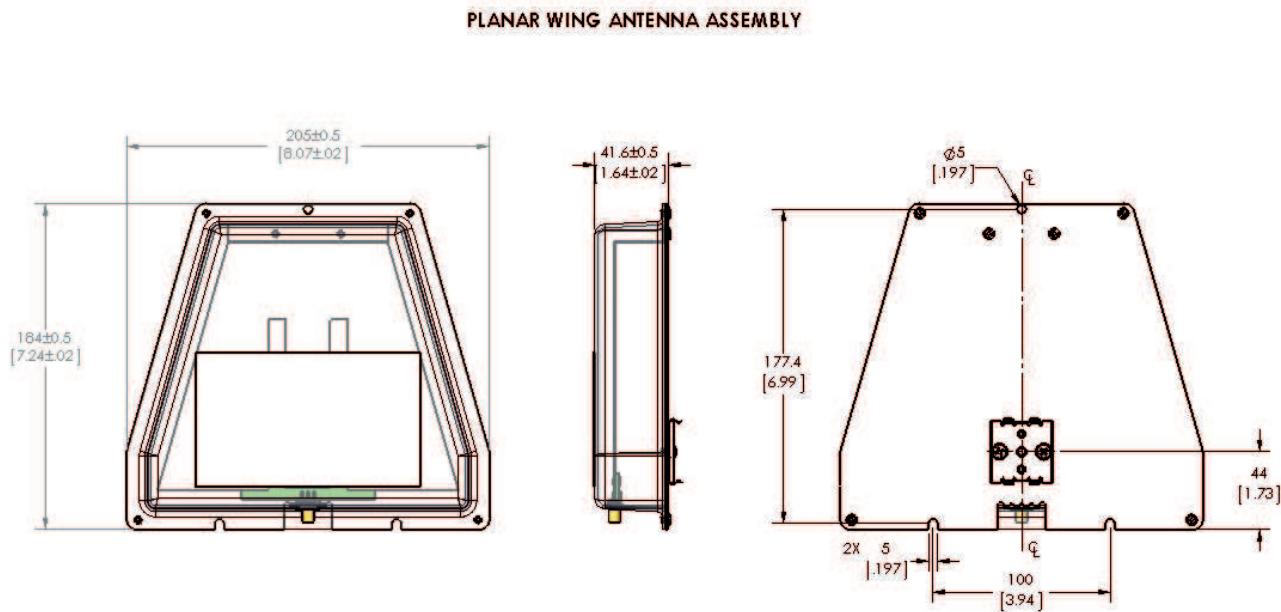
## Performance Specifications<sup>1</sup>

Parameter	Min	Typical	Max	Units	Condition
Center frequencies [f <sub>s</sub> ]		433		MHz	
Bandwidth		5		%	
Gain			+3.5	dBi	
VSWR		1.3			at center frequency
Impedance		50		ohm	
Operating temperature range	-40		+85	°C	
Electrical Strength of the cover			30	kV/mm	

## Antenna Radiation Pattern Gain Total



## Dimensions in mm [inch] for PIF antenna



Marking on label:  
SENGENUITY part number Date Code

Example:  
SENGENUITY ANT-PIF-0001 AYYWW

## Installation

- 1st option: screw mount, use 3 x 5mm holes
- 2nd option: use clip for TS-35 rail mount
- SMA female connector
- Recommended antenna cable: RG-316 or lower loss

## Reliability

- Tempeature cycling: 1000 times from -40° to +85
- Life-time: Min. 10 years

## Ordering Information

Item Number	Description
721200051	<b>ANT-PIF-0001</b>
721200076	<b>ANT-PIF-0001 + Cable-RG316-2m-SMA</b>

### Notes

1. Measured at 25°C

Product status and specifications are subject to change.

### DISCLAIMER

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REV. 08-Aug-2014