

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
- Magnet Mount for fast Positioning
- Compact Size 151 x 151 x 33mm

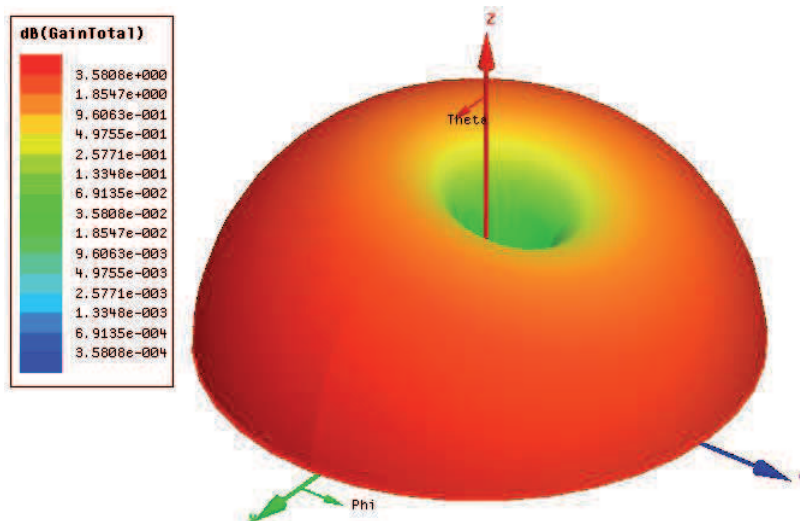
Typical Applications

- Use in Switchgear or Breaker Cabinet

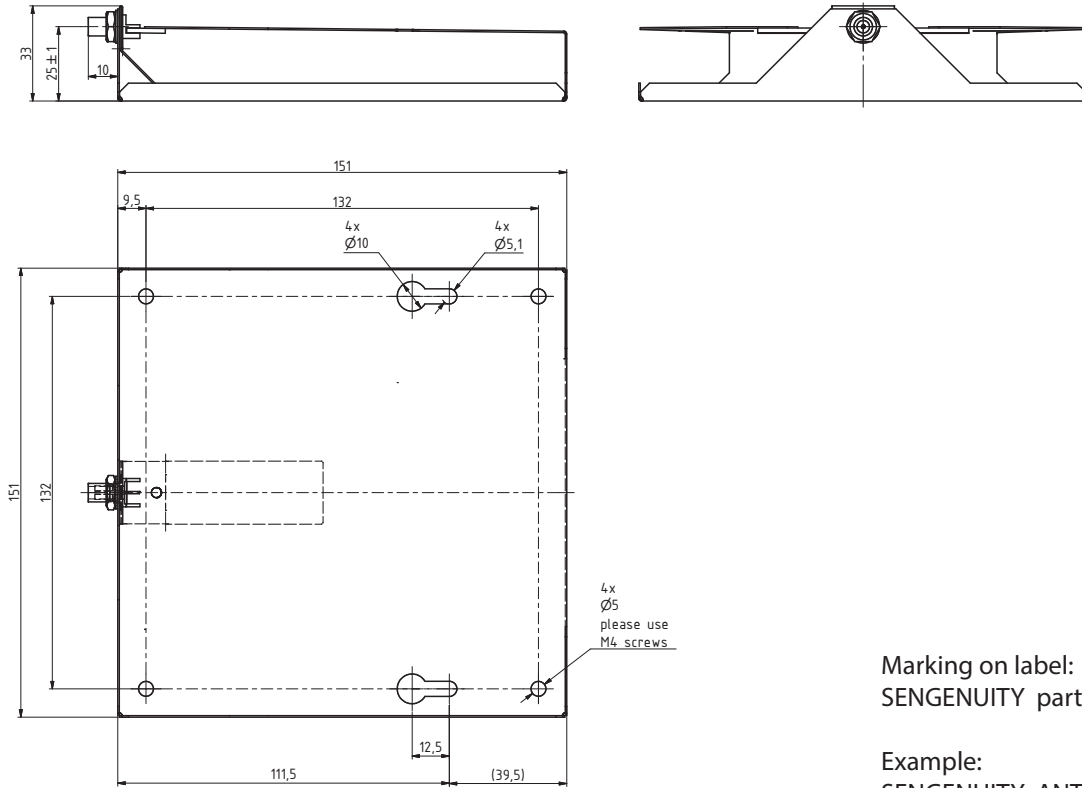
Performance Specifications¹

Parameter	Min	Typical	Max	Units	Condition
Center frequencies [f _c]		433		MHz	
Bandwidth		5		%	
Gain			+3.5	dBi	
VSWR1)		1.3			at center frequency
Impedance		50		ohm	
Operating temperature range	-40		+85	°C	

Antenna Radiation Pattern Gain Total



Dimensions in mm for PIF Antenna



Marking on label:
SENGENUITY part number Date Code

Example:
SENGENUITY ANT-PIF-0002 AYYWW

Installation

- 1st option: Screw Mount, use 4 x M4 screws with holes in each corner
- 2nd option: Screw Mount, use 2 x M4 with flat washer for 2 long holes accessible from top
- Magnet Mount for fast positioning
- SMA female connector
- Recommended antenna cable: RG-316 or lower loss

Reliability

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

Ordering Information

Item Number	Description
721200071	ANT-PIF-0002
721200075	ANT-PIF-0002 + Cable-RG316-2m-SMA

Notes

1. Measured at 25°C

Product status and specifications are subject to change.

DISCLAIMER

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