

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

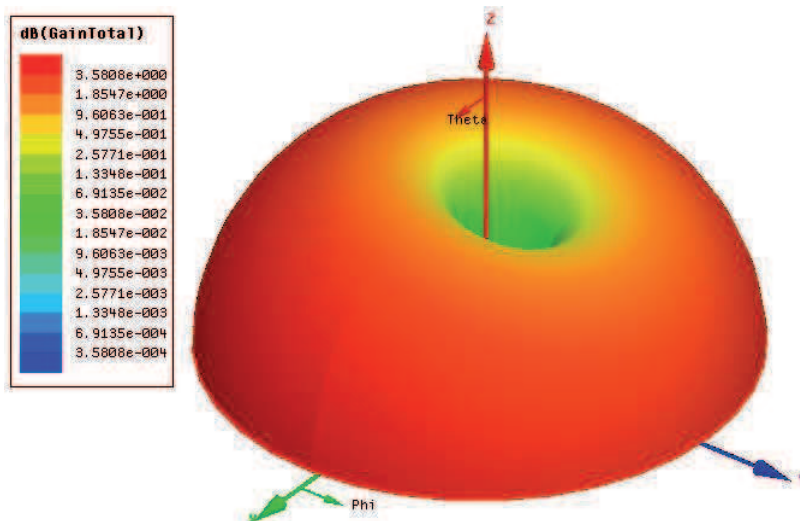
Typical Applications

- Use in Switchgear or Breaker Cabinet

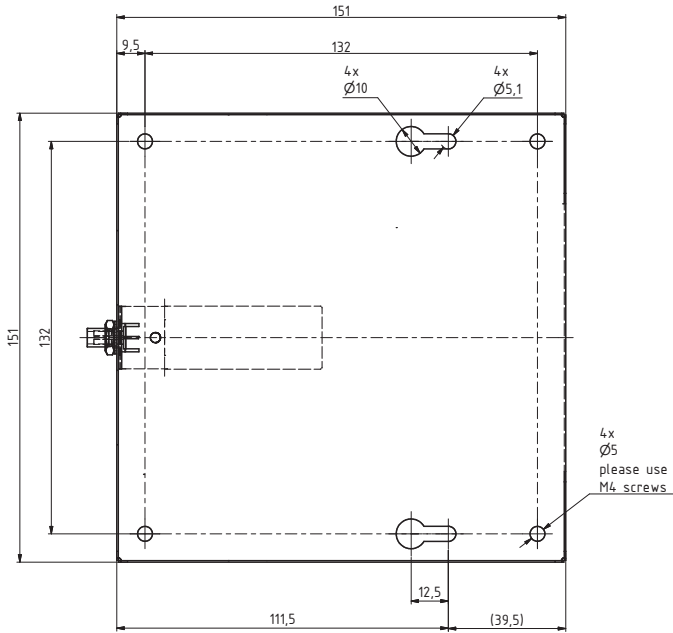
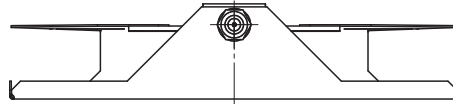
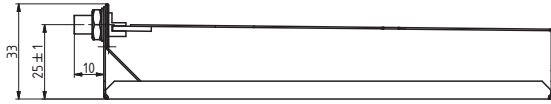
Performance Specifications¹

| Parameter | Min | Typical | Max | Units | Condition |
|--------------------------------------|-----|---------|------|-------|---------------------|
| Center frequencies [f _c] | | 433 | | MHz | |
| Bandwidth | | 5 | | % | |
| Gain | | | +3.5 | dBi | |
| VSWR ¹⁾ | | 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

Reliability

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

Ordering Information

| Part 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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