

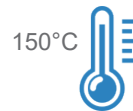
RFID  
UHF



## AX'Tag Explorer L I

This FR4 tag is designed for identification and traceability of products in non-metallic environment for logistics applications.

### Key features



10 meters



### Applications

- Wooden pallet identification
- Non-metal assets management
- Plastic pallet tracking
- High temperature asset tracking

## Options

|                |       |          |
|----------------|-------|----------|
| Fixing methods |       |          |
|                | Bolts | Adhesive |

## Physical specifications

|                     |                          |
|---------------------|--------------------------|
| Dimensions / Weight | 110 x 9.6 x 1.2mm; 2.4g  |
| Tag Material        | FR4                      |
| Mounting Method     | Screw, rivet or adhesive |
| Applicable surface  | Off metal                |



V4.0  
Non-contractual datasheet

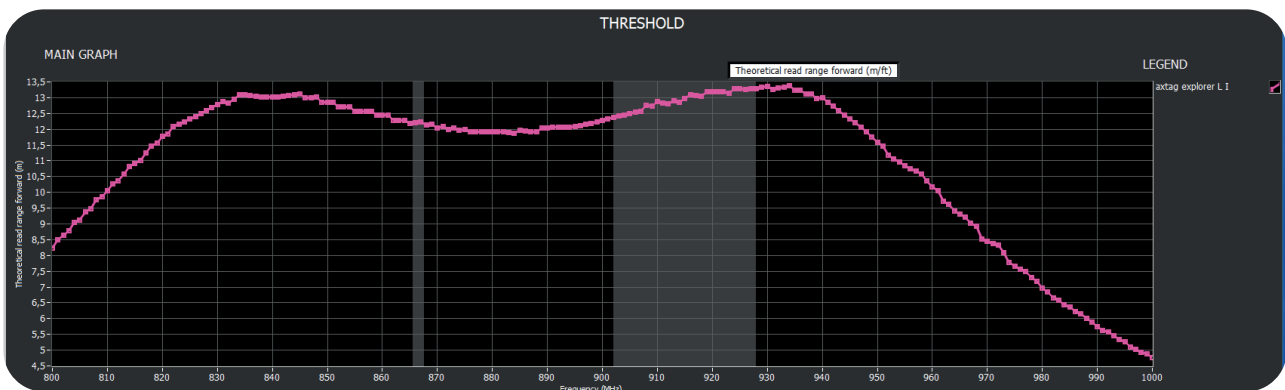
## Functional specifications

|                        |   |
|------------------------|---|
| Type                   | UHF   |
| Frequency              | 865-868 MHz (EU); 902-928 MHz (US)  |
| Air interface protocol | ISO18000-6-C; EPC C1G2  |
| IC Type                | Monza 4QT/4E  |
| Memory                 | User Memory: 512 bits/128 bits; EPC Memory: 128 bits/496bits                                    |
| Data retention         | Over 10 years   |
| Write Cycles           | 100 000   |
| Functionalities        | Read/write  |
| Read range             | Off metal: 865-868MHz: 7-10 m; 902-928MHz: 9-10 m<br>*Depends on the reader and the environment |
| Customization          | Encoding, size  |

## Environmental and industry compliance

|                       |                |
|-----------------------|----------------|
| IP rating             | IP68           |
| Certificates          | RoHS, CE       |
| Storage Temperature   | -40°C~ +150°C  |
| Operating Temperature | -20°C to +75°C |

## Measured read range



## References

PAUHF1026 AX'Tag Explorer L I UHF, Impinj Monza 4QT/4E, 110\*9.6\*1.2mm

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