

Extended-Range UHF Tag

Heavy Duty UHF Tag – NA1850



KEY FEATURES:

- Designed for industrial applications
- Heavy-duty – IP68
- Battery-free
- Consistent read range up to 70 ft*
- Operating frequency of 860-960MHz
- EPC compliant – UHF Class 1 Gen 2
- Multiple mounting options
- Reliable performance

The passive heavy duty Extended-Range UHF Tag is specifically designed for industrial applications. With improved data collection speed and accuracy required on trucking, logistics and heavy cargo applications, it is a perfect and cost-effective solution for tracking systems. The tag technology enables anti-collision functionality, fast data-rate communication, and password data protection for precise, reliable reading.

Mounting Possibilities

TagMaster NA's heavy duty Extended-Range UHF Tag is lightweight, waterproof, and resists high-pressure / high temperature washing conditions. Can be mounted on metal, plastic or wood using standard M5 screws, rivets, or industrial adhesives. The tag is suited for outdoor use in extreme conditions.

Extended-Range Identification

The tag can be identified at up to 70 ft* using a TagMaster NA UHF RFID Reader. TagMaster NA's UHF tags are battery- and maintenance-free, allowing for reliable and hands-free access in a cost-effective manner.

Applications

The Extended-Range UHF tag is ideal for the following applications:

- Trucking depots and transportation
- Mines and quarries
- Ground transportation management systems (GTMS)
- Bus depots and terminals
- Commercial parking and corporate parking areas
- Commercial vehicle management systems (CVM)

Part No. Information

Extended-Range UHF Tag

NA1850

Passive Extended-Range Tag

Heavy Duty UHF Tag

SPECIFICATIONS

Technical Information	Extended-Range UHF Tag
Part No. NA1850	
Detection Range	Up to 70 ft* with XT-5 and XT-1 Reader
Operating Frequency	860 - 960 MHz
Operating Temperature	-40°C to +85°C / -40°F to +185°F
Dimensions	6.8" x 2.7" x 0.7" (174mm x 70mm x 17.8mm)
Weight	3.0 oz (85 g)
Color	Grey
Encapsulation	PC ABS Blend
Compatible Readers	XT-5, Product No. 152900 XT-1, Product No. 152600
Memory	128 bit EPC, 96 bit TID, 512 bit User
Minimum Order Quantities	100 standard / 1,000 customizable per tag type

*Depends on Reader type and mounting

The information in this document is subject to change without prior notice.