Heat Resistant Passive UHF Tag
Long-Range RFID UHF Tag

KEY FEATURES:

- Battery-free
- Consistent detection range up to 15 ft*
- Operating frequency of 860-960MHz
- Extreme durability – IP69K
- EPC compliant – UHF Class 1 Gen 2
- Reliable performance on metal surfaces
- Large user memory

The Heat Resistant Passive UHF Tag is designed for tracking of metal assets in harsh environments. This tag's technology enables anti-collision functionality, fast data-rate communication, reliable reading, and the ability to update each tag's 512-bit read/write memory.

The Heat Resistant Passive UHF Tag is lightweight, waterproof, high pressure and temperature resistant, and withstands exposure to fuels, oils, salt water, and UV-light. It also resists pressure (>10 bars), vibration, and steady flame for short periods.

Mounting Solution

TagMaster NA's Heat Resistant Passive UHF Tag is ideal for applications requiring visual identification or long-range identification in harsh environments. Suitable for outdoor-use, this tag is suitable for mounting on metal surfaces only for heavy-duty use.

Long-Range Identification

This heat resistant, long-range UHF tag can be identified at up to 15 ft* using a TagMaster NA UHF RFID reader. These tags are battery- and maintenance-free, enabling quick, reliable, hands-free access.

Applications

The Heat Resistant Passive UHF Tag is designed for long-range applications such as:

- Gated communities
- Airport parking & ground transportation management systems (GTMS)
- University and hospital parking
- Commercial and corporate parking areas
- Commercial vehicle management systems (CVM)

Part No. Information

Heat Resistant Passive UHF Tag   NA1400

Heat Resistant Passive UHF Tag

Long-Range RFID UHF Tag

SPECIFICATIONS

Technical Information Part No. NA1400	Heat Resistant Passive UHF Tag
Detection Range	Up to 15 ft*
Operating Frequency	860 to 960 MHz
Operating Temperature	-40°F (-40°C) to +442°F (+228°C)
Dimensions	53 mm x 23 mm x 7 mm
Color	Black
Housing	PPA, Polyphthalamide, (ISO PA6T/6I) material
Protection	IP69K
Compatible Readers	XT-5, Product No. 152900 XT-1, Product No. 152600 XT-Mini, Product No. 152400
Memory	128 bit EPC + 96 bit TID + 512 bit User Memory
Minimum Order Quantities	100 standard

*Depends on Reader type and settings

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