FERRUM

UHF on-metal tag

Ferrum is a durable and ruggedized RFID UHF tag, compatible with the EPC Class 1 Gen 2 (ISO18000-6C) standards. It is suitable for tracking metal assets such as heavy machinery or container in harsh environment. It can very easily be fitted on to the assets using riveting screws or adhesive tapes.

It provides an extremely reliable read range up to 10m with different chip options.

Wavelinx
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100% read-tested tags with industry best NXP UCode 8/9 chips. These tags can be customized with customer branding using laser marking or screen printing.

RECOMMENDED APPLICATIONS

Asset Tracking

Ferrum is designed as a long range passive RFID tag for tracking metal assets. It is very rugged (IP67) and durable making it ideal for industrial applications. Through RFID scanning, information can be received quickly and from a safe distance. WL05U is the optimal solution for your asset tracking needs in harsh environment.

Other Applications:

Container Tracking, Inventory Management, Spool Tracking in Oil and Gas.

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Specifications

Part no.:	WL05U
Operating Frequency :	840-960 MHz (GLOBAL)
Operating Mode :	Passive (battery-less transponder)
Read Range :	up to 10m*
Protocol :	ISO/IEC 18000-6C
Chip Type :	NXP Ucode 8/UCode9 EPC Class 1 Gen 2
Memory : (NXP UCode8 chip)	EPC 128 bits TID 48 bit unique User memory 0 bit
Data retention :	Up to 10 years
Dimensions :	122 x 24 x 10mm
Material :	ABS
Ingress Protection :	IP67
Operating Temp. :	-10°C to +65°C
Storage Temp. :	-10°C to +55°C
Colors :	Grey/White
Quality assurance :	100% read-tested
Optional services :	Logo Printing and Encoding