



Impinj® Monza® 4QT Long-Range On-Metal UHF RFID Tag



SKU:	RS-M4QT-OMPLS-13643
Chip Type:	Impinj® Monza® 4QT
Frequency:	UHF 865-868 MHz(EU) UHF 902-928 MHz(US)
EPC Memory:	128 bits
User Memory:	512 bits
Protocol:	ISO/IEC 18000-63, EPCglobal Gen2v2
Read Range(2W ERP):	30 m(FCC); 30 m(ETSI)
Industry:	Automotive, Aviation, Industrial Applications, Logistics
Applications:	Heavy-Industry Asset Management, Metal Asset Tracking, Medical Devices Management, Oil And Gas, Mining, Warehouse Shelving, Container Tracking

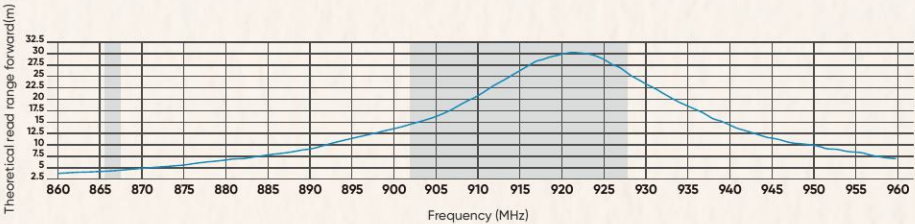
Engineered for harsh outdoor and industrial conditions, this Long-Range UHF RFID On-Metal Tag is housed in a tough plastic shell that resists water ingress and impact, ensuring long service life. A purpose-built antenna design enables reliable reads on metal, reaching distances of up to 30 meters to support fast, accurate asset identification and high-speed inventory.

Installation is flexible across different metal assets and site requirements, with support for adhesive backing as well as mechanical fixing methods such as screws, cable ties, and rivets. It is well suited for heavy-industry asset management, metal equipment tracking, oil and gas, mining, warehouse shelving, and container tracking.

Reading Performance

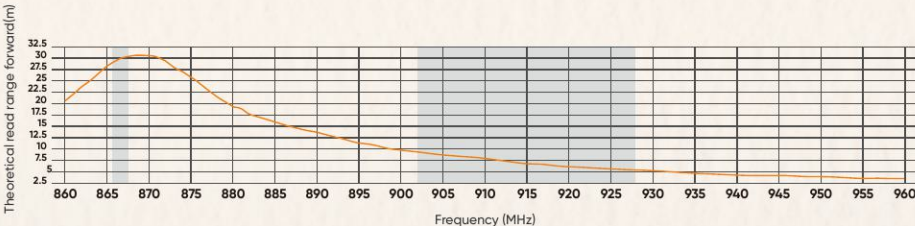
Reading Range @FCC Standard

On metal FCC



Reading Range @ETSI Standard

On metal ETSI



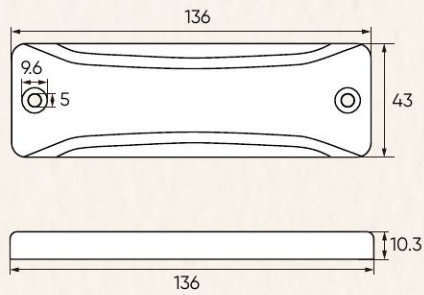
Physical Information

Material	Industrial-grade plastic
Size	136×43×10.3 mm (Hole: Ø5 mm×2)
Color	Gray
Weight	47 g
Operating Environment	-40°C~+85°C, 98% RH, non-condensing
Storage Environment	+18°C~+28°C, 40%~60% RH, non-condensing
Mounting Method	3M adhesive, Screw, Magnet, Cable
Surface	Metal
IP Rating	IP68
Customization Options	Print logo, barcode/QR code, serial number, encoding, design, etc.

Technical Information

Operating Frequency	865-868 MHz(EU)/902-928 MHz(US)
Protocol	ISO/IEC 18000-63, EPCglobal Gen2v2
Chip Type	Impinj® Monza® 4QT
EPC Memory	128 bits
User Memory	512 bits
TID Memory	96 bits
Read Range(2W ERP)	30 m(FCC); 30 m(ETSI)
Security Features	32-bit Access & Kill Password

Label Dimensions
(Unit: mm)



● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment. ● **Storage and Handling Guidelines:** Follow standard ESD-safe storage and handling procedures to maintain product integrity and avoid damage. ● **Product Updates and Revisions:** [rfidbridge.com](https://www.rfidbridge.com) may change products, specs, or services at any time without prior notice. ● **General Use Disclaimer:** Products are for general-purpose use and not intended for safety-critical or life-support applications. ● **Legal Notice:** Information is believed accurate but may change. [rfidbridge.com](https://www.rfidbridge.com) is not liable for use-related issues or outcomes.