



Impinj® Monza® R6-P Dogbone® RFID UHF Wet Inlay



Chip Type:	Dogbone-Monza-R6P
SKU:	Impinj® Monza® R6-P
Frequency:	UHF 860-960 MHz
Protocol:	ISO/IEC 18000-63, EPCglobal Gen2v2
EPC Memory:	128/96 bits
User Memory:	32/64 bits
TID Memory:	96 bits
Serial Number:	48 bits
Read Range:	Up to 16 m

Industry:	Automotive, Industrial Applications, Sports Events
Applications:	Sports timing, Glass and automotive tracking, Inventory



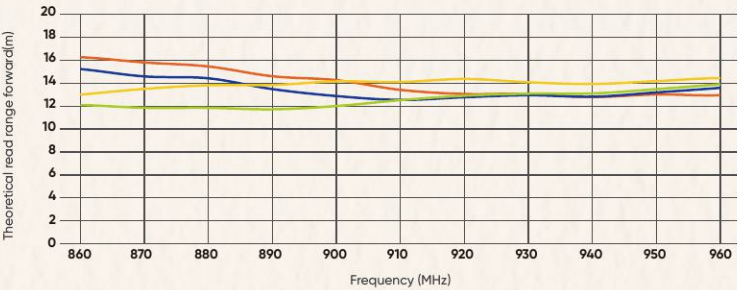
The Impinj® Monza® R6-P Dogbone® RFID UHF Wet Inlay is a high-performance identification solution designed for large-scale item-level tagging and logistics applications. Powered by the proven Monza® R6-P chip, this wet inlay delivers excellent read sensitivity, fast encoding, and stable long-range performance, making it ideal for high-speed inventory operations. The dogbone antenna design is optimized for consistent RF performance across a wide range of packaging materials, supporting reliable identification in dense tag environments.

Compliant with EPCglobal Gen2v2 and ISO/IEC 18000-63 standards, this UHF wet inlay integrates seamlessly into existing RFID systems and converting processes. Its pressure-sensitive adhesive backing enables easy application to labels, cartons, and products, supporting mass deployment in retail, warehousing, and supply chain management. Combining strong RF efficiency, proven chip reliability, and cost-effective scalability, the Monza® R6-P Dogbone® UHF Wet Inlay is a dependable choice for high-volume RFID labeling and tracking solutions.

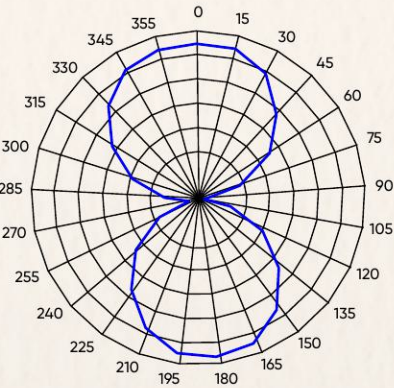
Reading Performance

Read Range

- Plastic
- Teflon
- Polyurethane
- Glass



Orientation Sensitivity



Physical Information

Material	PET
Label Size	97×27 mm
Antenna Size	94×24 mm
Operating Environment	-40°C~+85°C
Storage Environment	+18°C~+28°C, 40%~60% RH
Mounting Method	Stick
Surface	Paper Carton, Plastic, Glass, Wood
Handling Precautions	1. Do not bend. 2. Keep away from water and collision. 3. Inlays with black-dot marks are bad ones, do not use.

Technical Information	Operating Frequency	860~960 MHz
	Protocol	ISO 18000-63, EPCglobal Gen2v2
	Chip Type	Impinj® Monza® R6-P
	Read Range	Up to 16 m
	EPC Memory	128/96 bits
	User Memory	32/64 bits
	TID Memory	96 bits
	Serial Number	48 bits
	Security Features	32 bits Kill & Access Password

Packaging Information	Packing Format	Packed in roll, vacuumed packing in ESD bag
	Roll OD	4 inch/100 mm
	Core ID	3 inch/76.2 ± 0.50 mm
	Packing Quantity	1000 pcs/roll, per roll 1 kg

● **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 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 is not liable for use-related issues or outcomes.