



SKU:	RS-R6P-OMPLS-5147
Chip Type:	Impinj® Monza® R6-P
Frequency:	UHF 840-940 MHz
EPC Memory:	128 bits
User Memory:	64 bits
Protocol:	ISO/IEC 18000-63, EPCglobal Gen2v2
IP Rating:	IP68
Industry:	Industrial applications, logistics
Applications:	Asset tracking, inventory, metal, warehouse

Impinj® Monza® R6-P UHF RFID Concrete Engineering Plastic On-Metal Tag

The Concrete Impinj® Monza® R6-P UHF RFID Engineering Plastic On-Metal Tag operates at 840-940 MHz, supporting ISO/IEC 18000-63 and EPCglobal Gen2v2 protocols, with 128-bit EPC and 64-bit user memory.

Constructed from durable engineering plastic, this tag is specially designed to withstand corrosive heavy industry environments. Its IP68 rating and robust design ensure reliable performance and secure mounting on metal surfaces for accurate asset tracking in harsh conditions.

Physical Information	Material	Engineering Plastic
	Size	51×47×10 mm(Hole: Ø5 mm×2)
	Color	Black
	Weight	23.5 g
	IP Rating	IP68
	Operating Environment	-40°C~+85°C
	Storage Environment	+18°C~+28°C, 40%~60% RH
	Mounting Method	Screw, stick, rivet, embedded in concrete
	Surface	Metal, concrete

Technical Information	Operating Frequency	840-940 MHz
	Protocol	ISO/IEC 18000-63, EPCglobal Gen2v2
	Chip Type	Impinj® Monza® R6-P
	EPC Memory	128 bits
	User Memory	64 bits
	Read Range(Fix Reader)	10.0 m, US(902-928 MHz), On Metal 7.5 m, EU(865-868 MHz), On Metal 4.0 m, US(902-928 MHz), Embedded in Concrete 5 cm Deep 4.5 m, EU(865-868 MHz), Embedded in Concrete 5 cm Deep 2.0 m, US(902-928 MHz), Embedded in Concrete 10 cm Deep 3.0 m, EU(865-868 MHz), Embedded in Concrete 10 cm Deep
	Read Range(Handheld Reader)	5.0 m, US(902-928 MHz), On Metal 4.5 m, EU(865-868 MHz), On Metal 1.5 m, US(902-928 MHz), Embedded in Concrete 5 cm Deep 2.1 m, EU(865-868 MHz), Embedded in Concrete 5 cm Deep 0.8 m, US(902-928 MHz), Embedded in Concrete 10 cm Deep 1.2 m, EU(865-868 MHz), Embedded in Concrete 10 cm Deep
	Security Features	96 bits of Serialized TID with 48 bits serial number Kill Password-32 bits Access Password-32 bits

● **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.