



Bullbone 97 x 25 mm M830

The Bullbone from RICHRFID is designed for automotive, industrial automation, events, sports and gaming, warehouse logistics, and oil and gas applications. It delivers stable, highperformance RFID operation even in harsh environments and across a wide range of material surfaces.

The product complies with EPCglobal Class 1 Gen 2 and is manufactured under ISO 9001 quality management and ISO 14001 environmental management standards, ensuring reliable, industry-grade performance for diverse use cases.

Equipped with the Impinj M830 IC, it offers improved read/write sensitivity compared with the M700 series, enabling faster and more accurate bulk reading performance. The Impinj IC is compatible with the global GS1 UHF Gen2v2 standard, standardized as ISO/IEC 18000-63.

With a 94 x 22 mm antenna, it is optimized for long-range reading, making it ideal for factory inbound/outbound processes, RTI management, and inventory management.

Measuring 97 x 25 mm, the label provides ample space for QR codes, serial numbers, and other human-readable information, supporting on-site visual verification.

Overview

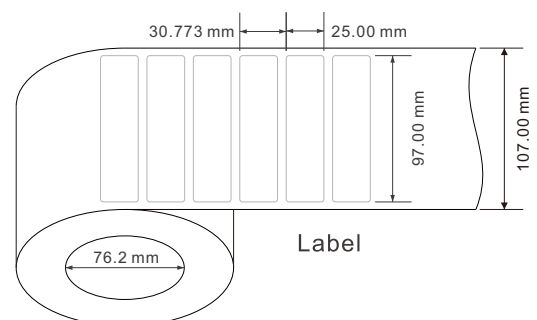
Frequency Band
UHF 860-960 MHz

Chip Type
Impinj M830

Dimensions
97 x 25 mm / 3.82 x 0.984 in

Air Interface Protocol
ISO/IEC 18000-63 Type C

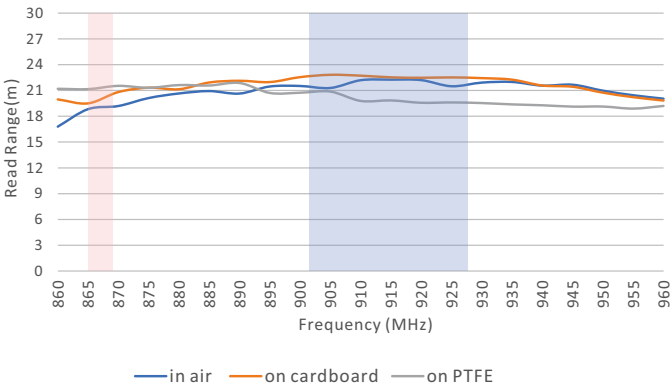
Application
Supply Chain
Logistics
Industry & Manufacturing
Healthcare & Pharmaceuticals



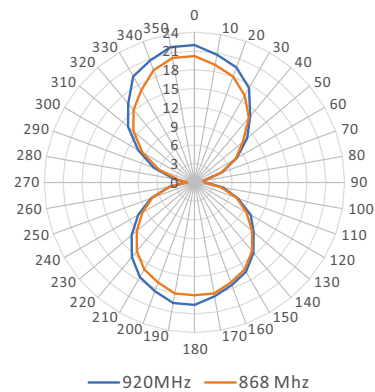


Model	RC5129
RFID Features	
Frequency	860-960 MHz
Application	Non metal
Chip Type	Impinj M830
Memory	User - N/A; EPC - 128 bits; TID - 96 bits
Data Storage	> 10 years
Re-write	100,000 times
Physical Features	
Dimensions	97 x 25 mm / 3.82 x 0.984 in
Material	Coated Paper
Adhesive	Hot Melt
Operating Temperature	-40°C to 85°C / -40°F to 185°F
Storage Condition	20±5°C, 50±10% RH, Store away from sunlight
Other Features	
Installation	Adhesive on clean & dry surface
Customization	Printing, Encoding, Designing, etc.
Package	2,500 pcs / roll, 4 rolls / box

Read Range(2W ERP)



Radiation Pattern



PS: The performance is theoretical values in the lab and the actual effect depends on the specific applications.

RICHRFID

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DISCLAIMER

All specifications are indicative and results may vary. Each user bears full responsibility for making its own determination as to the suitability of RICHRFID products, materials, services, recommendations, or advice for its own particular use.

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