



Vibe 73 x 20 mm M830

The Vibe M830 from RICHRFID is a high-performance RFID label designed for apparel and fashion, library and archives, automotive, and warehouse logistics. It performs exceptionally well on packaging materials such as corrugated cardboard and plastic transport containers.

The product complies with EPC global 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.

When Impinj Protected Mode is enabled, the label can help protect item data privacy, making it suitable for high-value products, authenticity verification, and applications requiring enhanced privacy protection.

With a label size of 73 x 20 mm, its compact format is suitable for printing QR codes, serial numbers, and other humanreadable data, making it ideal for stacked packaging applications.

Overview

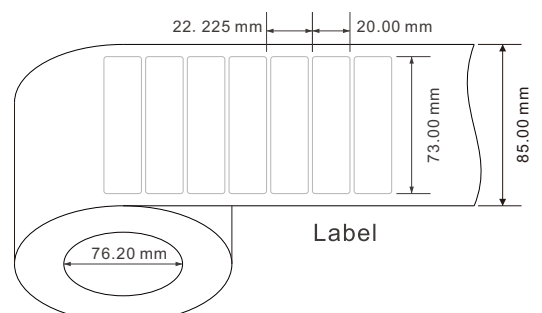
Frequency Band
UHF 860-960 MHz

Chip Type
Impinj M830

Dimension
73 x 20 mm / 2.87 x 0.787 in

Air Interface Protocol
ISO/IEC 18000-63 Type C

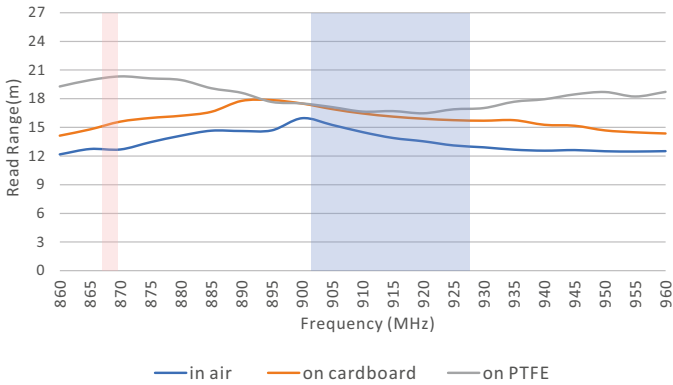
Application
Retail & Apparel
Asset tracking
Smart packaging
Authentication



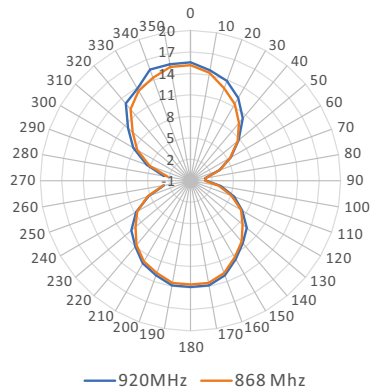


Model	RC5128
RFID Features	
Frequency	860-960 MHz
Application	Non metal
Chip Type	Impinj M830
Memory	User - N/A; EPC - 128 bits; TID - 96 bits
Data Storage	> 10 years
Re-write	100,000 times
Physical Features	
Dimension	73 x 20 mm / 2.87 x 0.79 in
Material	Coated Paper
Adhesive	Hot Melt
Operating Temperature	-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

Web: <https://www.richrfid.com> E-mail: info@richrfid.com
Shenzhen | Hong Kong | Singapore | Seoul | Tokyo | Paris



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.

For intended use only. Not to be repurposed or used for other applications without prior written permission from the manufacturer.

@2026 RICHRFID. All rights reserved.