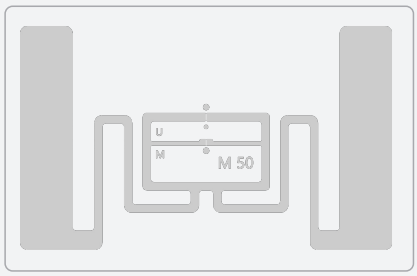


Mesh 54 x 35 mm M830

The Mesh label from RICHRFID is a versatile, high-performance tag designed for a wide range of applications. It delivers reliable reading performance across supply chain management, inventory control, logistics, retail and apparel.

The product is complied with EPC global Class 1 Gen 2 , 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. The IC has an Improved read / write sensitivity compared to the M700 series ,enables faster, more accurate bulk reading performance. Supports kill command functionality for updating or disabling tag data when required in retail environments. Provides simple access control for secure data management

By enabling Privacy Mode, the label can be used for high-value products, authenticity verification, and applications requiring enhanced privacy protection.

The label size 54 x 35 mm and performance make it especially well-suited for retail application.

Overview

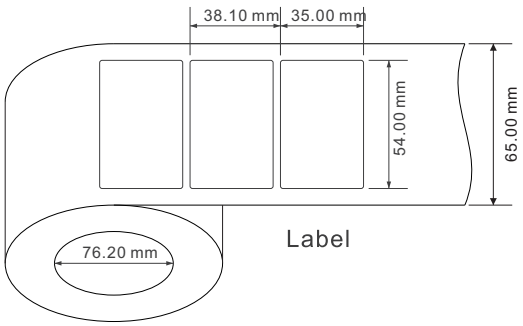
Frequency Band
UHF 860-960 MHz

Chip Type
Impinj Monza 830

Dimensions
54 x 35 mm / 2.13 x 1.38 in

Air Interface Protocol
ISO/IEC 18000-63 Type C

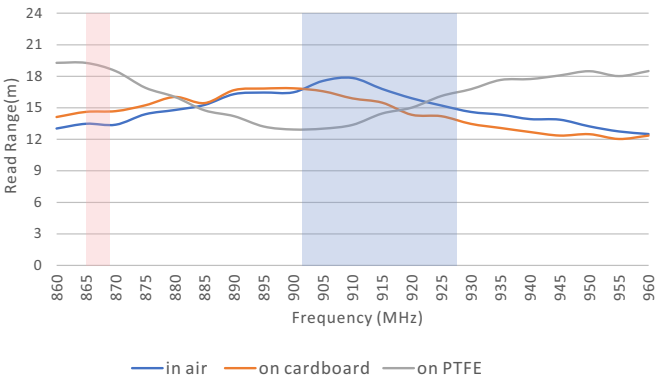
Application
Retail & Apparel
Asset tracking
Smart packaging
Authentication



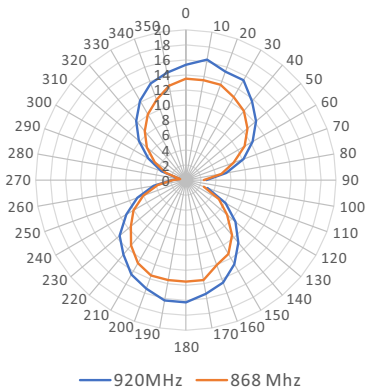
Technical Features

Model	RC5134
RFID Features	
Frequency	860-960 MHz
Application	Non metal
Chip Type	Impinj Monza 830
Memory	User - N/A; EPC - 128 bits; TID - 96 bits
Data Storage	> 10 years
Re-write	100,000 times
Physical Features	
Dimension	54 x 35 mm / 2.13 x 1.38 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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