

AD Belt M830

Ultra-compact, high-performance tagging for automotive and industrial use

The AD Belt M830 is a high-performance RAIN RFID inlay engineered for demanding automotive and industrial applications. Powered by the advanced Impinj M830 IC, it delivers exceptional read sensitivity to ensure robust readability in dense operational environments.

Designed to excel on difficult-to-tag or low-detuning materials such as cardboard and plastic, as well as in challenging close-coupling settings, the AD Belt M830 is ideally suited for custom conversion, specialized industrial tagging, and high-volume deployment.

Key Features:

- Impinj M830 IC:
 - 128-bit of EPC memory
 - 96-bit unique factory-locked TID number
 - 48-bit unique serial number (factory-encoded into TID)
- Next-Gen Chip Performance
- Versatile & Reliable Integration

Our inlays and tags are compliant with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management, which ensure a reliable and state-of-the-art product that meets a variety of application needs, especially in the retail environment.

Overview

Frequency Band	UHF 860 - 960 MHz
Chip	Impinj M830
Chip Attachment Technology	Direct Chip Attach
Antenna Dimensions	70 x 14 mm / 2.76 x 0.56 in
International Standard	International Standard
Industry Segments	Automotive General Industry
Applications	Automotive Component Tracking General Industrial Tagging
RoHS	EU Directive 2011/65/EU and Directive (EU) 2015/863
REACH	Regulation (EC) No. 1907/2006

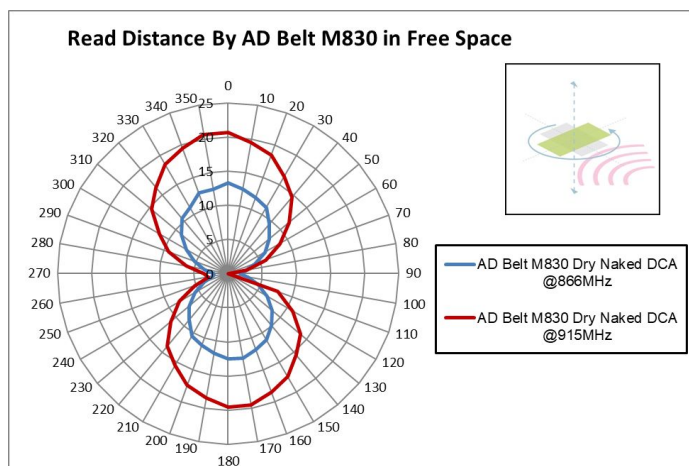


Technical features

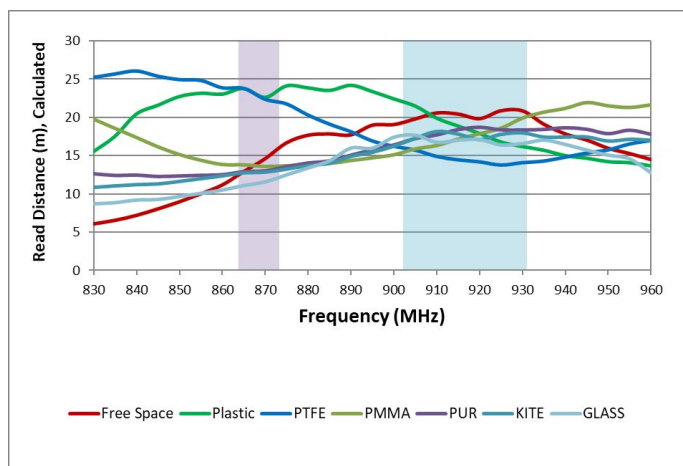
Chip / Chip Attachment Technology	Impinj M830 / Direct chip attach (DCA)
EPC and User Memory	128-bit EPC
TID Memory	96-bit / 48-bit unique serial number
Product Code	IL-615879
Delivery Format	Dry inlay
Die-Cut Dimensions	-
Die-Cut Corner Radius	-
Inlay Substrate	PET Clear
Face Sheet	-
Adhesive	-
Standard Pitch	20 mm / 0.79 in
Web Width	80 mm / 3.15 in
Core Size	76.2 mm / 3 in
Quantity / Reel	20,000 pcs/reel
Size of Roll	Max OD 15"
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F
On-Metal	-
ARC Certificates	-

*Other product codes available upon request.

Orientation sensitivity



Read range



All graphs are indicative: performance in real life applications may vary.

Find more label solutions at
rfid.averydennison.com



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