

AD-554r6-B

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

Impinj Monza R6-B

Antenna Dimensions

38 x 76 mm / 1.50 x 2.99 in

International Standard

ISO/IEC 18000-63 Type C

Industry Segments

Aviation

Applications

Baggage Tracking

RoHs

EU Directive 2011/65/EU and
2015/863 Compliant



Tailored for aviation asset tracking

AD-554r6-B inlays from Avery Dennison are a top choice for tagging aviation baggage in accordance with IATA Resolution 753. The product comes with the Impinj Monza® R6-B chip and is specifically engineered for airline baggage tracking.

AD-554r6-B features a unique antenna design that has been optimized to provide consistent and reliable global performance (860-960 MHz) to keep baggage operations on schedule. AD-554r6-B is Spec U Certified under Auburn University's ARC testing program.

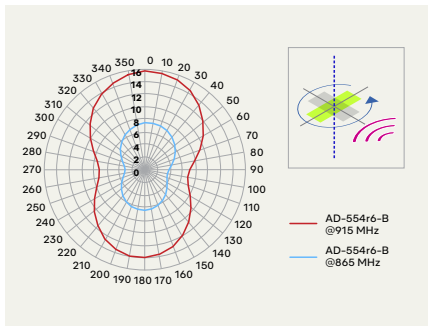
The Monza R6-B equipped inlay exhibits long distance read capture from all directions, regardless of tag-to-reader alignment. The Monza R6-B chip from Impinj offers 96-bit of EPC Memory, and 96-bit of TID memory with a 48-bit unique serial number. Available delivery formats include both Dry Inlay and Wet Inlay.

Like all RFID products from Avery Dennison, AD-554r6-B inlays are manufactured according to the industry's highest quality standards, as confirmed by the RFID Lab at Auburn University: The inspection body awarded Avery Dennison its first comprehensive and significant ARC accreditation for quality.

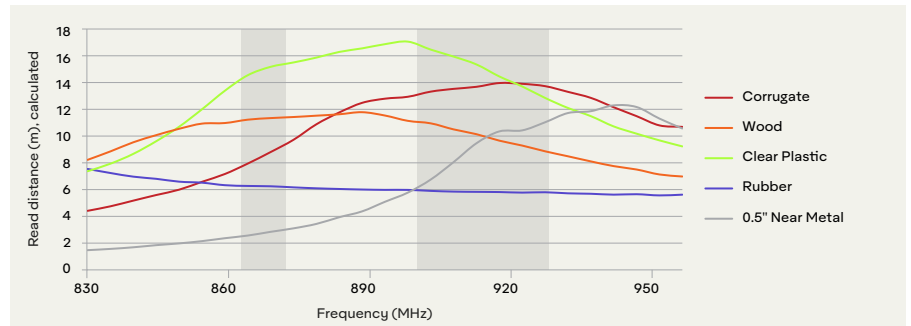
Technical features

Chip	Impinj Monza R6-B	
EPC and User Memory	96-bit and n/a	
TID Memory	96-bit / 48-bit unique serial number	
Product Code	RF601256	RF601345
Delivery Format	Dry inlay	Wet inlay
Die-cut Dimension	-	41 x 79 mm / 1.62 x 3.12 in
Inlay Substrate	38um Paper	
Total Thickness	10 - 12 mils / 243 - 295 microns	11 - 13 mils / 282 - 332 microns
Standard Pitch	95.25 mm / 3.75 in	
Web Width	45 mm / 2 in	
Core Size	76 mm / 3 in	
Quantity / Reel	10500 pcs/reel	5000 pcs/reel
Operating Temperature	-40 °C to 85 °C -40 °F to 185 °F	
On-Metal	Non metal	
Certificate	ARC	

Orientation sensitivity



Read range



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

Contact information

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RoHS

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Warranty: Please refer to Avery Dennison standard terms and conditions: rfid.averydennison.com/termsandconditions

Care and handling: RFID inlays are sensitive to ESD. Observe standard industry practices relating to electronics / RFID to keep environmental impact and static charge to a minimum.

Applications: This product should be tested by the customer / user thoroughly under end use conditions to ensure the product meets the particular requirements. Avery Dennison does not represent that this product is fit for any particular purpose or use. Avery Dennison reserves the right to modify, change, supplement or discontinue product offerings at any time without notice. The information contained herein is believed to be reliable but Avery Dennison makes no representation concerning the accuracy or correctness of the data.

