

# AD-229r6

## Overview

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**Frequency Band**

UHF 860 - 960 MHz

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**Chip**

Impinj Monza R6

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**Antenna Dimensions**

95 x 8.15 mm / 3.74 x 0.32 in

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**International Standard**

ISO/IEC 18000-63 Type C

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**Industry Segments**

Apparel  
Logistics  
Industrial Applications

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**Applications**

Returnable Transport Units (RTUs)  
Supply Chain Management  
Brand Protection

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**RoHs**

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

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## One tag, two chips, many applications

AD-229r6 and AD-229r6-P inlays from Avery Dennison are high performing, Gen2 UHF RFID products that are available in two chip formats: Monza r6 and Monza r6-P.

Both versions are suitable for a wide variety of RFID tagging applications, including Supply Chain, Inventory & Logistics, Apparel & Item-Level Retail, and Returnable Transport Units (RTUs).

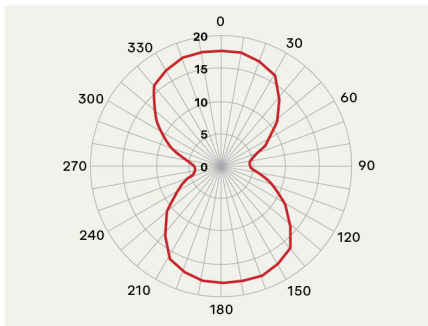
AD-229r6 with the Impinj Monza R6 IC comes with 96-bit EPC memory while AD-229r6-P with the Impinj Monza R6-P is available with several EPC and user memory options. In addition, the R6-P based inlays provide additional features including kill and access password protection to ensure user privacy. Both AD-229r6 and AD-229r6-P are available in Dry Inlay and Wet Inlay delivery formats.

Like all RFID products from Avery Dennison, AD-229r6 and AD-229r6-P 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.

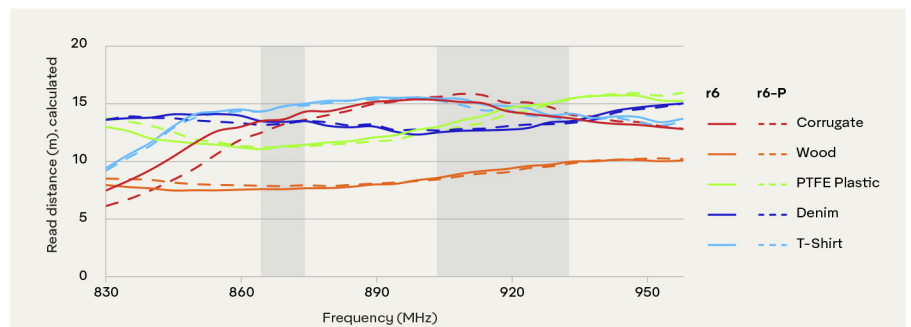
## Technical features

Chip	Impinj Monza R6	
EPC and User Memory	96-bit and n/a	
TID Memory	96-bit / 48-bit unique serial number	
Product Code	RF600592	RF600593
Delivery Format	Dry inlay	Wet inlay
Die-cut Dimension	-	98.7 x 11.2 mm / 3.90 x 0.44 in
Inlay Substrate	Opaque PET	
Total Thickness	7 - 9 mils / 178 - 229 microns	9 - 11 mils / 229 - 279 microns
Standard Pitch	15.88 mm / 0.625 in	
Web Width	98 mm / 3.875 in	105 mm / 4.125 in
Core Size	76 mm / 3 in	
Quantity / Reel	20000 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.

RoHS

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**Warranty:** Please refer to Avery Dennison standard terms and conditions: [rfid.averydennison.com/termsandconditions](http://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.

