

# AD-661r6

## 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**

90 x 19 mm / 3.54 x 0.75 in

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**International Standard**

ISO/IEC 18000-63 Type C

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**Industry Segments**

Automotive  
Industrial Applications  
Sports / Events

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**Applications**

Sports Timing  
Glass and Automobile Tracking  
Inventory  
Asset Tracking

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**RoHs**

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

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## Highly versatile tagging solutions

### Tracking persons and objects reliably and with ease

AD-661r6 and AD-661r6-P inlays from Avery Dennison are Gen2 UHF RFID products that perform exceptionally across a wide range of dielectrics and are available in two chip formats: Monza r6 and Monza r6-P.

Both are suitable for a wide variety of RFID tagging applications, particularly those related to Automotive and Industrial Asset Tracking, Race Timing, and Personal ID Badges (AD-661r6-P only).

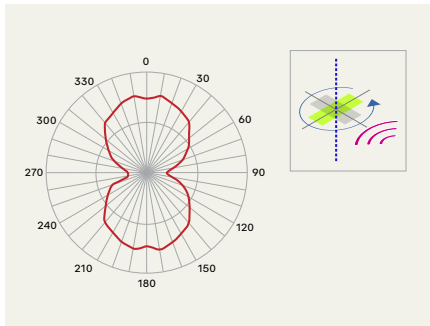
AD-661r6 with the Impinj Monza R6 IC comes with 96-bit of EPC memory, while AD-661r6-P with the Impinj Monza R6-P is available with 128/96-bit of EPC memory and 32/64-bit of User memory. Both versions have a 48-bit unique serialized TID Number and are available in Dry Inlay and Wet Inlay delivery formats.

Like all RFID products from Avery Dennison, AD-661r6 and AD-661r6-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.

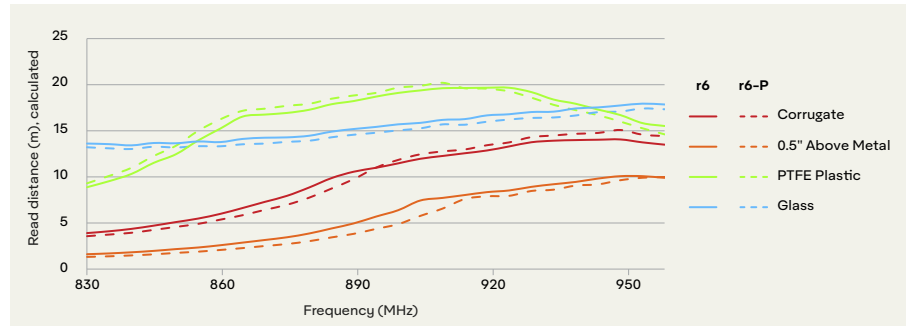
## Technical features

Chip	Impinj Monza R6	
EPC and User Memory	96-bit and n/a	
TID Memory	96-bit / 48-bit unique serial number	
Product Code	RF600545	RF600570
Delivery Format	Dry inlay	Wet inlay
Die-cut Dimension	-	93 x 22 mm / 3.67 x 0.87 in
Inlay Substrate	PET	
Total Thickness	9 - 11 mils / 229 - 279 microns	10 - 12 mils / 254 - 305 microns
Standard Pitch	31.75 mm / 1.25 in	
Web Width	98 mm / 4 in	
Core Size	76 mm / 3 in	
Quantity / Reel	20000 pcs/reel	10000 pcs/reel
Operating Temperature	-40 °C to 85 °C -40 °F to 185 °F	
On-Metal	Non metal	

## Orientation sensitivity



## Read range



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

## Contact information

[rfid.averydennison.com/contact](http://rfid.averydennison.com/contact)

North America: +1-866-903-7343 (toll free US)

International: +1-678-617-2359

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.



# AD-661r6-P

## Overview

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**Frequency Band**

UHF 860 - 960 MHz

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**Chip**

Impinj Monza R6-P

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**Antenna Dimensions**

90 x 19 mm / 3.54 x 0.75 in

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**International Standard**

ISO/IEC 18000-63 Type C

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**Industry Segments**

Automotive  
Industrial Applications  
Sports / Events

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**Applications**

Sports Timing  
Asset Tracking  
Inventory

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**RoHs**

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

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## Tracking persons and objects reliably and with ease

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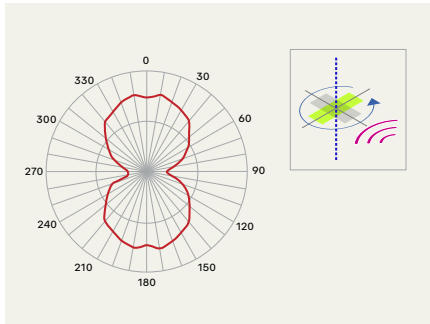
AD-661r6 with the Impinj Monza R6 IC comes with 96-bit of EPC memory, while AD-661r6-P with the Impinj Monza R6-P is available with 128/96-bit of EPC memory and 32/64-bit of User memory. Both versions have a 48-bit unique serialized TID Number and are available in Dry Inlay and Wet Inlay delivery formats.

Like all RFID products from Avery Dennison, AD-661r6 and AD-661r6-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.

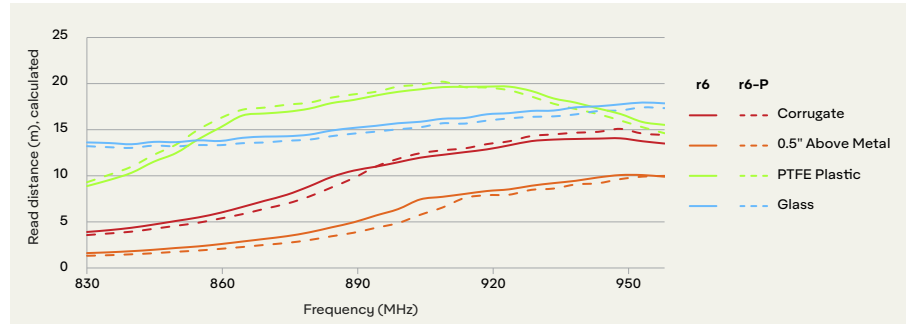
## Technical features

Chip	Impinj Monza R6-P	
EPC and User Memory	128-bit and 64/32-bit	
TID Memory	96-bit / 48-bit unique serial number	
Product Code	RF600721	RF600727
Delivery Format	Dry inlay	Wet inlay
Die-cut Dimension	-	93 x 22 mm / 3.67 x 0.87 in
Inlay Substrate	PET	
Total Thickness	9 - 11 mils / 229 - 279 microns	10 - 13 mils / 254 - 330 microns
Standard Pitch	31.75 mm / 1.25 in	
Web Width	98 mm / 4 in	
Core Size	76 mm / 3 in	
Quantity / Reel	20000 pcs/reel	10000 pcs/reel
Operating Temperature	-40 °C to 85 °C -40 °F to 185 °F	
On-Metal	Non metal	

## Orientation sensitivity



## Read range



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