

# AD-384r6

## 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**

50 x 30 mm / 1.97 x 1.18 in

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**International Standard**

ISO/IEC 18000-63 Type C

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**Industry Segments**

Apparel  
Logistics

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**Applications**

Supply Chain Management  
Home Essentials  
Brand Protection

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**RoHs**

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

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## High performance on a multitude of items

AD-384r6 and AD-384r6-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 are wide-edge leading inlays that are suitable for a wide variety of RFID tagging applications, including supply chain, inventory & logistics, apparel and home essentials.

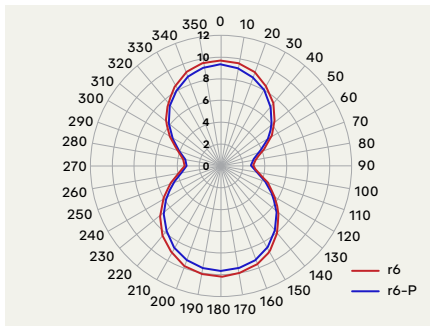
AD-384r6 with the Impinj Monza R6 IC comes with 96 bit EPC memory, while AD-384r6-P with the Impinj Monza R6-P is available with 128/96-bit EPC memory and 32/64-bit user memory. Both versions have a 48-bit unique serialized TID Number and are available in Dry Inlay, Wet Inlay and Label / sticker delivery formats.

Like all RFID products from Avery Dennison, AD-384r6 and AD-384r6-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.

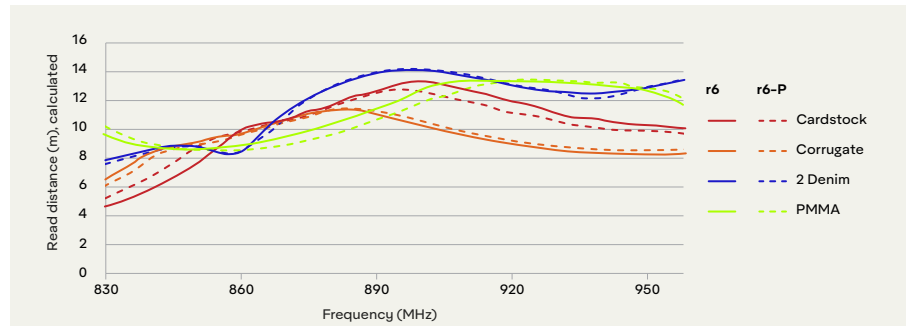
## Technical features

<b>Chip</b>	Impinj Monza R6		
<b>EPC and User Memory</b>	96-bit and n/a	96-bit and n/a	96-bit and n/a
<b>TID Memory</b>	48-bit		
<b>Product Code</b>	RF600872	RF600873	RF100411
<b>Delivery Format</b>	Dry inlay	Wet inlay	Label / sticker
<b>Die-cut Dimension</b>	-	54 x 34 mm / 2.13 x 1.34 in	57 x 38 mm / 2.25 x 1.50 in
<b>Inlay Substrate</b>	Opaque PET	Opaque PET	40# DC
<b>Face Sheet</b>	-	-	TT2C (FASSON®) Bright White
<b>Total Thickness</b>	9 - 11 mils / 229 - 279 microns	10 - 12 mils / 254 - 305 microns	11 - 14 mils / 280 - 355 microns
<b>Standard Pitch</b>	38.1 mm / 1.5 in	38.1 mm / 1.5 in	50.8 mm / 2 in
<b>Web Width</b>	54 mm / 2 in	58 mm / 2 in	61.2 mm / 2 in
<b>Core Size</b>	76 mm / 3 in		
<b>Quantity / Reel</b>	15000 pcs/reel	10000 pcs/reel	2461 pcs/reel
<b>Operating Temperature</b>	-40 °C to 85 °C -40 °F to 185 °F		
<b>On-Metal</b>	Non metal		
<b>Certificate</b>	ARC		

## 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-384r6-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**

50 x 30 mm / 1.97 x 1.18 in

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**International Standard**

ISO/IEC 18000-63 Type C

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**Industry Segments**

Apparel  
Logistics

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**Applications**

Supply Chain Management  
Home Essentials  
Brand Protection

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**RoHs**

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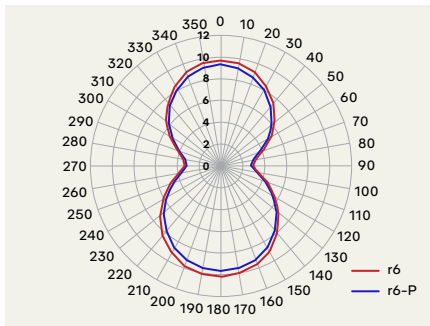
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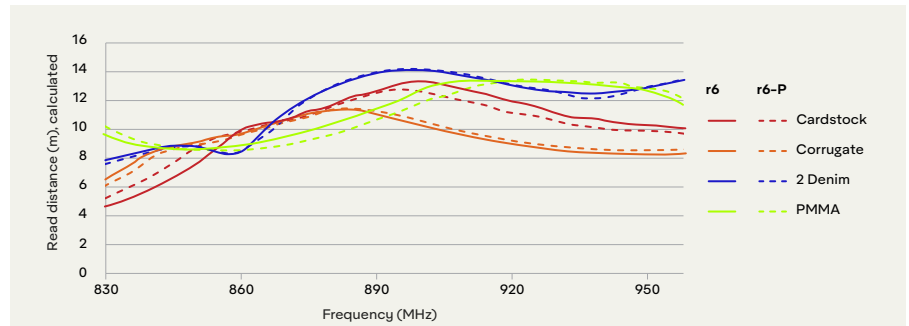
## Technical features

Chip	Impinj Monza R6-P		
EPC and User Memory	128-bit and 64-bit		
TID Memory	48-bit		
Product Code	RF600929	RF100416	RF600928
Delivery Format	Wet inlay	Label / sticker	Dry inlay
Die-cut Dimension	54 x 34 mm / 2.13 x 1.34 in	57 x 38 mm / 2.25 x 1.50 in	-
Inlay Substrate	PET	40# Paper	PET
Face Sheet	-	TT2C (FASSON®) Bright White	-
Total Thickness	10 - 12 mils / 254 - 305 microns	16 - 18 mils / 401 - 452 microns	9 - 11 mils / 229 - 279 microns
Standard Pitch	38.1 mm / 1.5 in	50.8 mm / 2 in	38.1 mm / 1.5 in
Web Width	58 mm / 2 in	61.2 mm / 2 in	54 mm / 2 in
Core Size	76 mm / 3 in		
Quantity / Reel	10000 pcs/reel	2419 pcs/reel	15000 pcs/reel
Operating Temperature	-40 °C to 85 °C -40 °F to 185 °F		
On-Metal	Non metal		
Certificate	ARC		

## Orientation sensitivity



## Read range



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