

# AD Accessory R6

## 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**

30 x 15 mm / 1.20 x 0.60 in

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**International Standard**

ISO 18000-63, EPC Class 1 Gen 2

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**Industry Segments**

Apparel  
Healthcare

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**Applications**

Children Accessories  
Fashion Jewelry and Sunglasses  
Pharmaceutical and Healthcare

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**RoHS**

EU Directive 2011/65/EC and  
Directive (EU) 2015/863

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**REACH**

Regulation (EC) No. 1907/2006



## Ideal for small item-level tagging

Our AD Accessory R6 inlays and tags are optimized for accessory and cosmetics applications, offering excellent performance and superior close-coupling features.

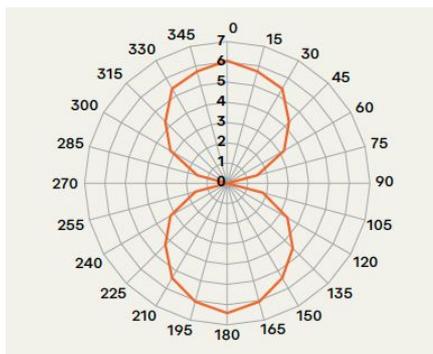
AD Accessory products are available with the Impinj Monza R6 and R6-P chips. Inlays with Monza R6 chips offer unique TID, enable pre-serialized EPC and are 100% performance tested. Inlays with Monza R6-P offer additional features such as add-on user memory and on-demand memory configuration as well as a kill function and easy access control to change tag information for store data, if required. AD Accessory products are available in dry, wet and paper tag delivery formats.

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.

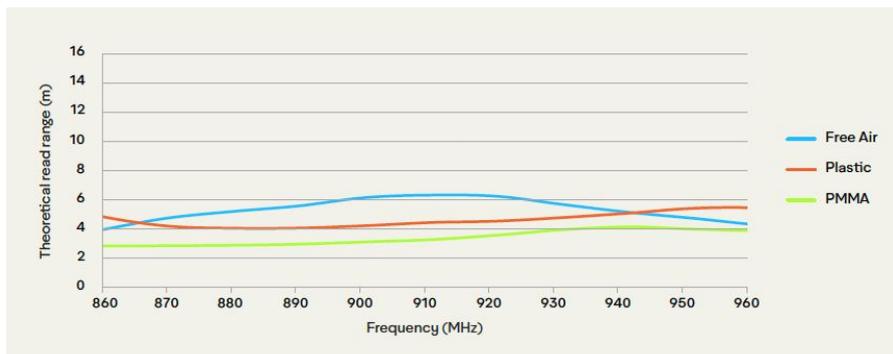
## Technical features

|                       |                                      |                                   |                                  |
|-----------------------|--------------------------------------|-----------------------------------|----------------------------------|
| Chip                  | Impinj Monza R6                      |                                   |                                  |
| EPC and User Memory   | 96-bit                               |                                   |                                  |
| TID Memory            | 96-bit / 48-bit unique serial number |                                   |                                  |
| Product Code          | 3005252 / IL-602918                  | 3005251 / IL-602917               | 3005253 / IL-602919              |
| Delivery Format       | Wet inlay                            | Dry inlay                         | Label / sticker                  |
| Die-Cut Dimension     | 33 x 18 mm / 1.30 x 0.70 in          |                                   | 33 x 18 mm / 1.30 x 0.70 in      |
| Inlay Substrate       | PET                                  | PET                               | PET                              |
| Face Sheet            | Clear PET                            | –                                 | Mid-gloss paper                  |
| Standard Pitch        | 20 mm / 0.787 in                     | 20 mm / 0.787 in                  | 20 mm / 0.787 in                 |
| Web Width             | 36 mm / 1.4 in                       | 36 mm / 1.4 in                    | 36 mm / 1.4 in                   |
| Core Size             | 76 mm / 3 in                         | 76 mm / 3 in                      | 76 mm / 3 in                     |
| Quantity / Reel       | 10,000 pcs/reel<br>50,000 pcs/box    | 10,000 pcs/reel<br>20,000 pcs/box | 5,000 pcs/reel<br>10,000 pcs/box |
| Operating Temperature | -40 °C to 85 °C / -40 °F to 185 °F   |                                   |                                  |

## 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)  
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Connect with us on:



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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.

