

AD Belt R6

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

Impinj Monza R6

Antenna Dimensions

70 x 10 mm / 2.76 x 0.39 in

International Standard

ISO 18000-63, EPC Class 1 Gen 2

Industry Segments

Apparel
Industrial Applications

Applications

Brand Protection
Supply Chain Management
Home Essentials

RoHS

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

REACH

Regulation (EC) No 1907/2006



Compact size and high performance in item-level tagging

Our AD Belt R6 inlays and tags are designed for global retail, industry and supply chain applications with excellent performance, including in close coupling environments.

AD Belt R6 inlays and tags have a compact 76mm / 3 inch form factor, which can be easily converted into end-application usage, and are available in dry, wet and paper tag delivery formats.

AD Belt R6 with Impinj Monza R6 chip comes with an Autotune feature, which helps AD Belt products to work at peak efficiency, even in rapidly changing environments.

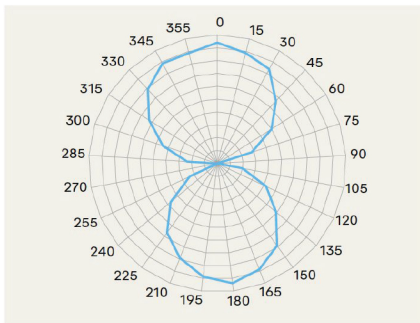
AD Belt R6 with Impinj Monza R6, used in retail applications, is included on the approved inlay list for boxed electronics by the ARC (Auburn Radio Compliance Center), and complies with categories A, B, C, D, F, K, I, M, N, Q. Furthermore, it meets GS1 Tagged-Item Performance Protocol (TIPP) Tagged-Item Gratings M10B S15B, M15B S15B and M20D S15D for the retail supply chain, retailers and suppliers, and is recommended by Impinj for the fixed-base xArray system.

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.

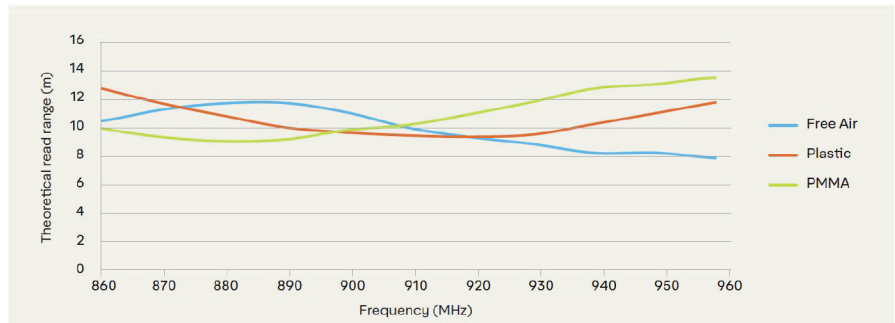
Technical features

Chip	Impinj Monza R6		
EPC and User Memory	96-bit		
TID Memory	96-bit / 48-bit unique serial number		
Product Code	3004228 / IL-602819	3004230 / IL-602821	3005058 / IL-602868
Delivery Format	Dry inlay	Label / sticker	Wet inlay
Die-Cut Dimension	-	73 x 13 mm 2.87 x 0.51 in	73 x 13 mm 2.87 x 0.51 in
Inlay Substrate	PET	PET	PET
Face Sheet	-	Mid-gloss paper	Clear PET
Standard Pitch	20 mm / 0.787 in	20 mm / 0.787 in	20 mm / 0.787 in
Web Width	74 mm / 3 in	80 mm / 3 in	80 mm / 3 in
Core Size	76 mm / 3 in	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	15000 pcs/reel 15000 pcs/box	7000 pcs/reel 14000 pcs/box	20000 pcs/reel 20000 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.



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Warranty: Please refer to Avery Dennison standard terms and conditions:

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.

