

AD-321 R6-P ETSI

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

Impinj Monza R6-P

Antenna Dimensions

41 x 16 mm / 1.63 x 0.63 in

International Standard

ISO/IEC 18000-63 Type C

Industry Segments

Apparel
Logistics
Healthcare

Applications

Supply Chain Management
Home Essentials
Inventory / Logistics

RoHS

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



Versatility plus top read ranges

AD-321r6 and AD-321r6-P inlays from Avery Dennison provide solutions of choice for a wide variety of RFID tagging applications, particularly those related to the areas of supply chain, inventory and logistics, apparel, and pharmaceutical and healthcare

The Gen2 UHF RFID inlay provides outstanding global performance, however, an ETSI-tuned design with same footprint is also available for higher performance when reading in EU region (865 - 868 MHz). AD-321 is available in two chip formats, Monza R6 and Monza R6-P, whereas AD-321 ETSI comes with the Monza R6-P exclusively.

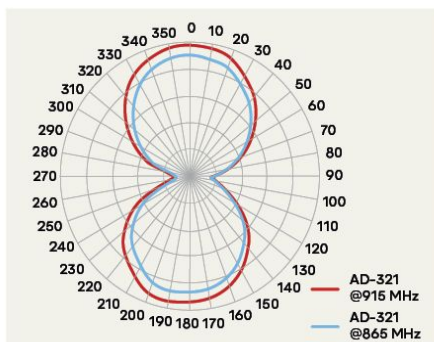
AD-321r6 with the Impinj Monza R6 IC comes with 96-bit EPC memory and a 48-bit unique serialized TID NumberAD-23, while AD-321r6-P with the Impinj Monza R6-P is available with 128/96 bits EPC memory and 32/64 bits user memory.

Like all RFID products from Avery Dennison, AD-321r6 and AD-321r6-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.

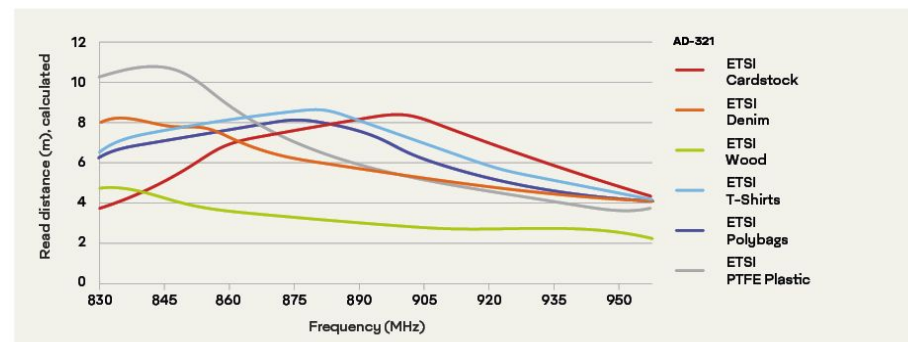
Technical features

Chip	Impinj Monza R6-P
EPC and User Memory	128-bit and 64-bit
TID Memory	48-bit
Product Code	RF100370 / IL-606974
Delivery Format	Label / sticker
Die-Cut Dimension	44 x 19 mm / 1.75 x 0.75 in
Inlay Substrate	40# Paper
Face Sheet	55# TT2C Bright White
Total Thickness	12 - 14 mils / 305 - 356 microns
Standard Pitch	38.1 mm / 1.5 in
Web Width	50.8 mm / 2 in
Core Size	76 mm / 3 in
Quantity / Reel	8000 pcs/reel
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F
On-Metal	Non metal
Certificates	ARC

Orientation sensitivity



Read range



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

Contact information

rfid.averydennison.com/contact
+1-678-617-2359

Connect with us on:



© 2021 Avery Dennison Corp. All rights reserved. 170 Monarch Lane, Miamisburg, OH 45342, USA Third party trademarks and/or trade names used herein are the property of their respective owner(s). Some of the trademarks appear for identification purposes only.

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

