

AD Trap U9

Overview

Frequency Band

UHF 860 - 960 MHz

Chip Attachment Technology

Direct Chip Attach

Chip

NXP UCODE 9

Antenna Dimensions

8 x 22 mm / 0.32 x 0.87 in

International Standard

ISO 18000-63, EPC Class 1 Gen 2

Industry Segments

Consumer Electronics
Healthcare
Apparel

Applications

Item Level Inventory Accuracy
Brand Protection

RoHS

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

REACH

Regulation (EC) No. 1907/2006



Perfect for small item-level retail and pharmaceutical applications

Our AD Trap U9 inlays and tags are designed for item-level identification requiring a small footprint and excellent read performance. The compact and reliable products are the perfect fit for smaller pharmaceutical and retail applications. They work well in both near field and far field.

AD Trap inlays and tags are an optimum solution for small item-level tagging. They offer unmatched performance for small difficult-to-tag items and great RF-stability in a small form factor. It delivers excellent performance on high dielectric materials such as glass vials and Printed Circuit Boards (PCBs).

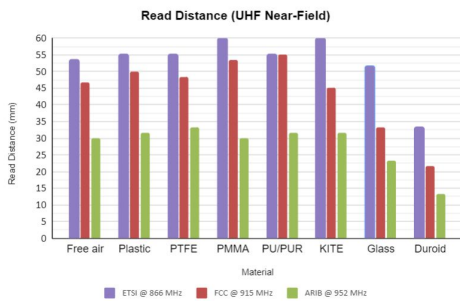
AD Trap equipped with the NXP UCODE 9 offers 96-bit EPC memory. IC is compatible with the global GS1 UHF Gen2v2 standard which ISO/IEC standardized as 18000-63.

Avery Dennison 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

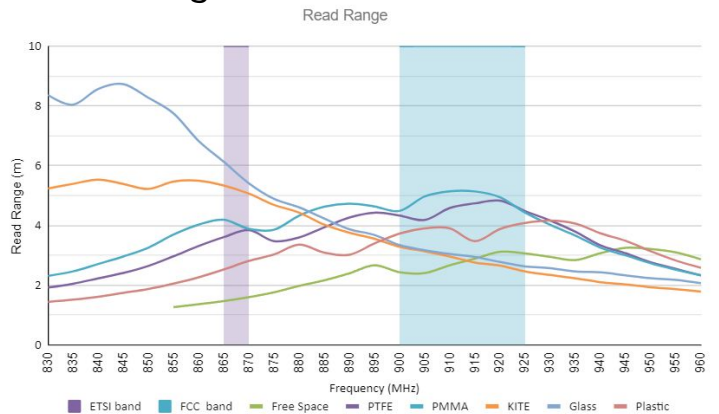
Technical features

Chip	NXP UCODE 9
Chip Attachment Technology	Direct Chip Attach
EPC and User Memory	96-bit and n/a
TID Memory	96-bit / 48-bit unique serial number
Product Code	3009494 / IL-609290
Delivery Format	Wet inlay
Die-Cut Dimension	11 x 25 mm / 0.433 x 0.984 in
Inlay Substrate	PET
Face Sheet	-
Standard Pitch	32 mm / 1.260 in
Web Width	27 mm / 1.063 in
Core Size	76 mm / 3 in
Quantity / Reel	4,000 pcs/reel, 20,000 pcs/box
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F

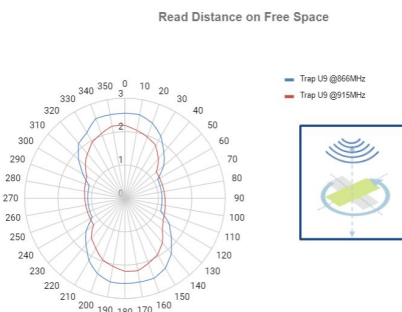
Read Distance (UHF Near-Field)



Read range



Orientation sensitivity



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:



© 2023 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.

