

# AD-226iM

## Overview

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**Frequency Band**

UHF 860 - 960 MHz

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**Chip**

NXP G2iM

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**Antenna Dimensions**

95 x 8.15 mm / 3.74 x 0.32 in

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**International Standard**

ISO/IEC 18000-63 Type C

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**Industry Segments**

Logistics  
Automotive

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**Applications**

Supply Chain Management  
Inventory  
Asset Tracking

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**RoHs**

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

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## Flexibility plus high user memory

AD-226iM inlays from Avery Dennison is a high performing, Gen2 UHF RFID product based on the UCODE G2iM chip from NXP.

The inlay is suitable for a wide variety of RFID tagging applications, including Supply Chain, Inventory & Logistics, Apparel & Item-Level Retail, and Returnable Transport Units (RTUs).

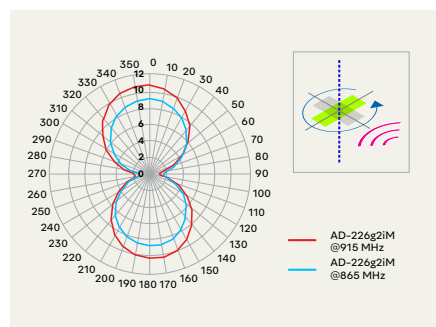
The UCODE G2iM chip is equipped with 256-bit of EPC memory, and 512-bit of User memory. TID memory is 96 bits, including a perma-locked unique 48-bit serial number, and a 16 bit unalterable XTID header. Delivery formats include Dry Inlay and Wet Inlay.

Like all RFID products from Avery Dennison, AD-226iM 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.

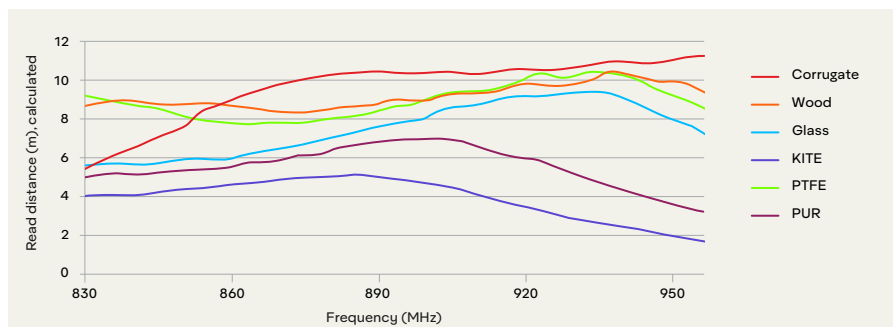
## Technical features

Chip	NXP G2iM	
EPC and User Memory	256-bit and 512-bit	
TID Memory	96-bit / 48-bit unique serial number	
Product Code	RF600483	RF600456
Delivery Format	Dry inlay	Wet inlay
Die-cut Dimension	-	98 x 11.18 mm / 3.90 x 0.40 in
Inlay Substrate	PET	
Total Thickness	10 - 13 mils / 254 - 330 microns	14 - 17 mils / 356 - 432 microns
Standard Pitch	15.88 mm / 0.625 in	
Web Width	98 mm / 3.875 in	105 mm / 4.125 in
Core Size	152 mm / 6 in	76 mm / 3 in
Quantity / Reel	20000 pcs/reel	
Operating Temperature	-40 °C to 85 °C -40 °F to 185 °F	
On-Metal	Non metal	

## 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.

