AD-226iM

Overview

Frequency Band
UHF 860 - 960 MHz

Chip
NXP G2iM

Antenna Dimensions
95 x 8.15 mm / 3.74 x 0.32 in

International Standard
ISO/IEC 18000-63 Type C

Industry Segments
Logistics
Automotive

Applications
Supply Chain Management
Inventory
Asset Tracking

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

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).

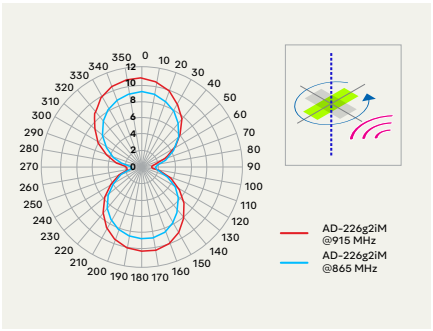
The UCODE G2iM chip is equipped with 256-bit of EPC memory, and 512-bit of User memory. TID memory is 96 bits, including a perma-locked unique 48-bit serial number, and a 16 bit unalterable XTID header. Delivery formats include Dry Inlay and Wet Inlay.

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.

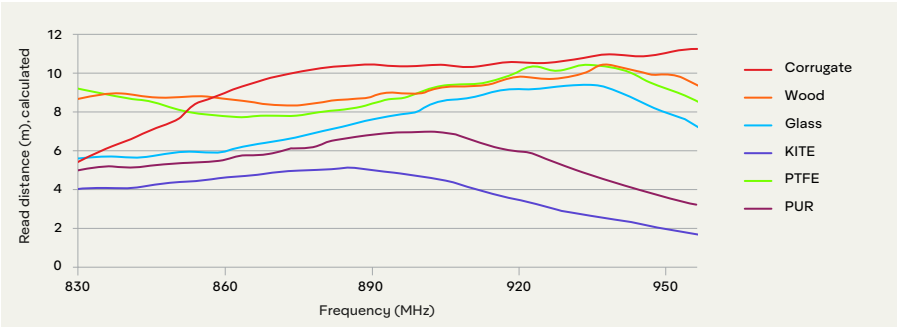
Technical features

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.

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RoHS

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