

AD Miniweb Global M750

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

Impinj M750

Antenna Dimensions

42 x 16 mm / 1.70 x 0.60 in

International Standard

ISO/IEC 18000-63, EPC Gen2 V2

Industry Segments

Apparel
Automotive
Logistics

Applications

Home Essentials
Inventory and Logistics
Supply Chain Management

RoHS

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

REACH

Regulation (EC) No. 1907/2006



Tagging the difficult to tag in retail and beyond

AD Miniweb Global M750 inlays from Avery Dennison are designed for global retail, industry, and supply-chain applications. They excel in minimum footprint and top performance on difficult-to-tag and low-detuning materials such as cardboard and plastic, and in other demanding, close-coupling environments.

AD Miniweb Global M750 is the smallest retail-centric inlay currently available on the market that has passed ARC category K, I, N, and Q requirements for both the ETSI and the FCC frequency band. Category I indicates that the product is suitable for applications that require superior RF performance.

Equipped with an M750 IC from Impinj (also available with the M730 IC from Impinj), AD Miniweb Global M750 features 96-bit EPC memory and 32-bit user memory. The IC is compatible with the global GS1 UHF Gen2v2 standard and features a privacy mode that enables loss prevention and protects consumer privacy.

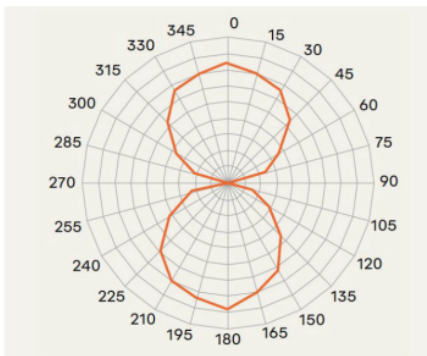
Available in dry, wet, and paper tag delivery formats, AD Miniweb Global M750 inlays have a compact size 45 x 18 mm which can be easily converted for end-application usage.

Like all RFID products from Avery Dennison, AD Miniweb Global M750 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.

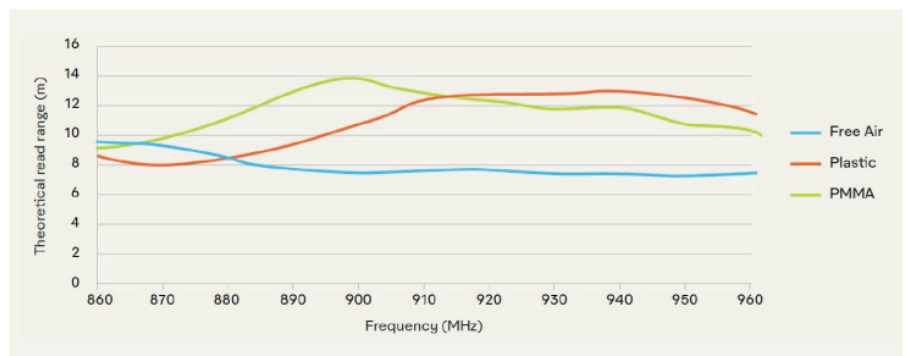
Technical features

Chip	Impinj M750		
EPC and User Memory	96-bit and 32-bit		
TID Memory	96-bit / 48-bit unique serial number		
Product Code	3007541	3007542	3007543
Delivery Format	Dry inlay	Wet inlay	Label
Die-Cut Dimension	–	45 x 18 mm / 1.80 x 0.70 in	45 x 18 mm / 1.80 x 0.70 in
Inlay Substrate	PET	PET	PET
Face Sheet	–	Clear PET	Mid-gloss paper
Standard Pitch	20 mm / 0.79 in	20 mm / 0.79 in	20 mm / 0.79 in
Web Width	48 mm / 1.89 in	48 mm / 1.89 in	48 mm / 1.89 in
Core Size	76 mm / 3 in	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	10,000 pcs/reel 20,000 pcs/box	20,000 pcs/reel	5,000 pcs/reel 10,000 pce/box
Operating Temperature	-45 °C to 85 °C / -49 °F to 185 °F		
Certificates	ARC		

Orientation sensitivity



Read range



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



© 2022 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](https://www.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.

