AD Web R6-P

Overview

Frequency Band
UHF 860 - 960 MHz

Chip
Impinj Monza R6-P

Antenna Dimensions
50 x 30 mm / 1.97 x 1.18 in

International Standard
ISO 18000-63, EPC Class 1 Gen 2

Industry Segments
Apparel
Logistics

Applications
Supply Chain Management
Home Essentials
Brand Protection

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

REACH
Regulation (EC) No. 1907/2006

Optimized size and shape for apparel applications

Our AD-Web inlays and tags are designed for the unique identification of items such as apparel and electronics. They are particularly suitable for item-level retail applications, offering high performance and best-in-class orientation sensitivity.

Web products are compact and ideally shaped for use as apparel hang tags, providing high read reliability with optimum performance, resulting in low fixed infrastructure and total applied costs. Retailers and brand owners can deploy these solutions globally for apparel,
as they comply with current frequency regulations in the US (FCC), EU (ETSI) and Asia. Our Web inlays and tags can be easily converted into hangtags or care labels.
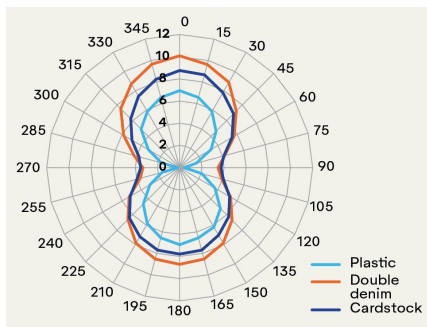
They are equipped with the Impinj Monza R6 and Monza R6-P chip that features an autotune function, which helps Web to work at peak efficiency, even in rapidly changing environments. Web inlays and tags with the Monza R6 chip offer unique TID and enable pre-serialized EPC. Inlays with Monza R6-P offer additional features such as add-on user memory and on-demand memory configuration as well as a kill function and easy access control to change tag information for store data, if required.

Our 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.
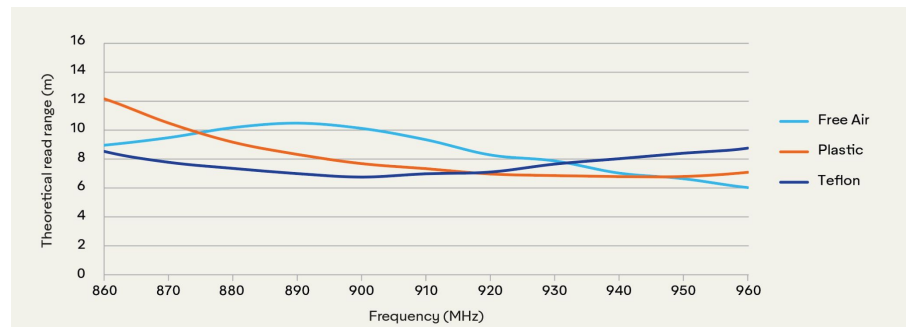
Technical features

Chip	Impinj Monza R6-P		
EPC and User Memory	128-bit and 32-bit or	96-bit and 64-bit	
TID Memory	96-bit / 48-bit unique serial number		
Product Code	3006082 / IL-603011	3006083 / IL-603012	3006084 / IL-603013
Delivery Format	Dry inlay	Wet inlay	Label / sticker
Die-Cut Dimension	–	54 x 34 mm / 2.13 x 1.34 in	54 x 34 mm / 2.13 x 1.34 in
Inlay Substrate	PET	PET	PET
Face Sheet	–	–	Mid-gloss paper
Standard Pitch	40 mm / 1.575 in	40 mm / 1.575 in	40 mm / 1.575 in
Web Width	60 mm / 2.4 in	60 mm / 2.4 in	60 mm / 2.4 in
Core Size	76 mm / 3 in	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	10,000 pcs/reel 10,000 pcs/box	8,000 pcs/reel 8,000 pcs/box	3,000 pcs/reel 9,000 pcs/box
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F		

Orientation sensitivity

Read range

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

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