



MINIWEB

Ideal for Small Apparel Labels

SMARTRAC MINIWEB inlays and tags are designed especially for apparel and supply-chain applications, and feature excellent performance and superior close coupling.

MINIWEB inlays and tags have a compact 50 mm / 2 inch form factor, which can be easily converted into small-sized hangtags and other apparel labels, and are produced in dry, wet and paper tag delivery formats. They are available with the Impinj Monza R6 chip and R6-P chips that come with an Autotune feature, which helps the MINIWEB product to work at peak efficiency, even in rapidly changing environments. MINIWEB with the Monza R6 chip offers unique TID and enables 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.

MINIWEB with the Impinj Monza R6 and R6-P IC, used in retail applications, is included on the approved inlay list for boxed electronics by the ARC (Auburn Radio Compliance Center). MINIWEB ETSI complies with category K.

MINIWEB FCC complies with categories A, B, D, G, M, Q. Furthermore, it meets GS1 Tagged-Item Performance Protocol (TIPP) Tagged-Item Gradings M10B, S15B and M15B, S15B for the retail supply chain, retailers and suppliers.

SMARTRAC's 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.

Overview

Operating Frequency

860 - 960 MHz
(ETSI & FCC)

Integrated Circuit (IC)

Impinj Monza R6 & R6-P

Antenna Size

42 × 16 mm (1.7 × 0.6 in)

Die-cut Size

45 × 18 mm (1.8 × 0.7 in)

International Standards

- ▶ EPC Class 1 Gen 2
- ISO 18000-6C

Application Areas

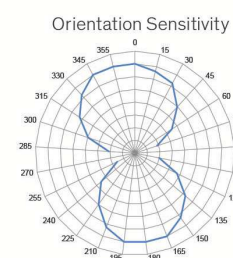
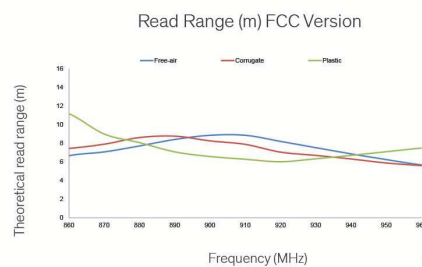
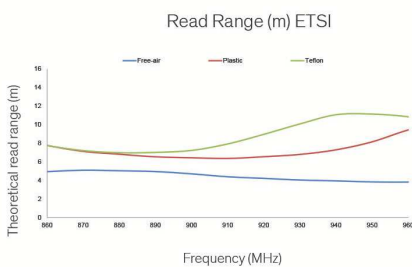
- ▶ Brand Protection
- ▶ Retail

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Technical Features			
IC + Memory Impinj Monza R6 96 bit	Size	Format*	Sales Code
	42 × 16 mm / 1.7 × 0.6 in	Inlay	3004491 (ETSI)
	45 × 18 mm / 1.8 × 0.7 in	Wet	3005084 (ETSI)
	45 × 18 mm / 1.8 × 0.7 in	Paper Tag	3003296 (ETSI)
	42 × 16 mm / 1.7 × 0.6 in	Inlay	3004855 (FCC)
	45 × 18 mm / 1.8 × 0.7 in	Wet	3005229 (FCC)
Impinj Monza R6-P 128 bit EPC + 32 bit user 96 bit EPC + 64 bit user	45 × 18 mm / 1.8 × 0.7 in	Paper Tag	3004859 (FCC)
	42 × 16 mm / 1.7 × 0.6 in	Inlay	3005078 (ETSI)
	45 × 18 mm / 1.8 × 0.7 in	Wet	3005074 (ETSI)
	45 × 18 mm / 1.8 × 0.7 in	Paper Tag	3005075 (ETSI)
Web Width	42 × 16 mm / 1.7 × 0.6 in	Inlay	3005079 (FCC)
	45 × 18 mm / 1.8 × 0.7 in	Wet	3005081 (FCC)
	45 × 18 mm / 1.8 × 0.7 in	Paper Tag	3005082 (FCC)
	48 mm / 1.9 in		
Operating Temperature	-40 °C to +85 °C / -40 °F to +185 °F		
Adhesive	Acrylic, water borne adhesive		
Core Size	76 mm / 3 in		
Shelf Life	+20 °C, 50 % RH / 68 °F, 50 % RH - minimum 2 years from the date of manufacturing		

*Note: Other formats are available upon request.



All the graphs are indicative; performance in real life applications may vary. The data has been determined based on calculations for transmitters with a 2W ERP output power level.



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