



WEB LITE

High-Performance Retail Tag in a Small Package

SMARTRAC WEB LITE inlays and tags are designed to suit the growing retail demand for inlay in small form factors. A design focusing on the performance requirements of small item tagging has won approval. Web Lite offers good performance for retail applications in a compact form factor ready to fit several delivery formats.

WEB LITE tags with the Impinj Monza™ 5 ICs have a compact size, used in retail applications and are included in the approved inlay list for boxed electronics by the RFID Research Center of the University of Auburn for categories G, M and Q. It is also tested to meet GS1 Tagged-Item Performance Protocol (TIPP) Tagged-Item Gradings M10B and S10B, M15B and S15B as well as M20D and 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 (FCC)

Integrated Circuit (IC)
Impinj Monza 5

Antenna Size
46 × 15 mm (1.81 × 0.59 in)

Die-cut Size
49 × 18 mm (1.93 × 0.71 in)

International Standards

▶ EPC Class 1 Gen 2
ISO 18000-6C

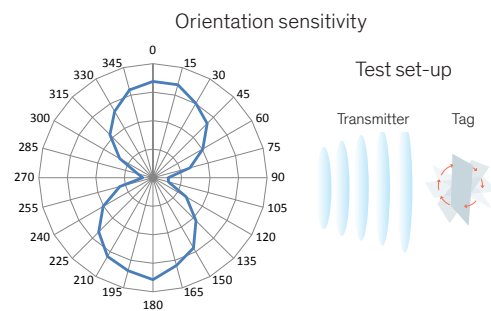
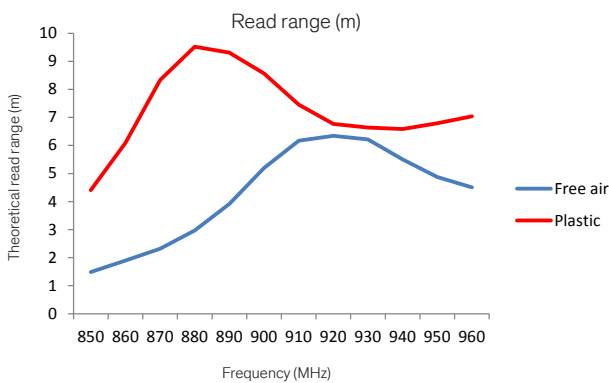
Application Areas

▶ Brand Protection
▶ Retail

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Technical Features			
IC + Memory Impinj Monza 5 128 bit EPC	Size	Format	Sales Code
	46 × 15 mm / 1.81 × 0.59 in	Dry	3002436
	46 × 15 mm / 1.81 × 0.59 in	Inlay	3002963
	49 × 18 mm / 1.93 × 0.71 in	Wet	3004489
	49 × 18 mm / 1.93 × 0.71 in	Paper Tag	3002437
Web Width	52 mm / 2.0 in		
Operating Temperature	-40 °C to +85 °C / -40 °F to +185 °F		
Adhesive	Acrylic, water borne adhesive		
Qty/Reel	15,000 pcs dry or wet inlays per reel, 5,000 paper tag per reel		
Core Size	76 mm / 3 in		
Shelf Life	+20 °C, 50 % RH / 68 °F, 50 % RH - minimum 2 years from the date of manufacturing		



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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