

SHORTDIPOLE

Excellent Global Performance on Various Materials

SMARTRAC SHORTDIPOLE inlays and tags are designed and optimized for global retail, industry and supply chain applications, offering excellent performance in many situations, including on lower detuning materials like cardboard, plastics, corrugated boxes and RTIs.

SHORTDIPOLE inlays and tags are a size-optimized 101 mm / 4 inch form factor, making them suitable for use with a wide range of supply chain labels, and are available in dry, wet and paper tag delivery formats. They are available with the Impinj Monza 4D chip that offers serial TID and memory feature with EPC 128 bit and 32 bit user memory.

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, enhancing RFID usage for difficult-to-tag materials.

Overview

Operating Frequency

860 - 960 MHz

Integrated Circuit (IC)

Impinj Monza 4D, 4E, 4QT, 4i

Antenna Size

93 × 11 mm (3.7 × 0.4 in)

Die-cut Size

97 × 15 mm (3.8 × 0.6 in)

International Standards

- ▶ EPC Class 1 Gen 2
- ISO 18000-6C

Application Areas

- ▶ Brand Protection
- ▶ Retail
- ▶ Industry
- ▶ Sports Timing
- ▶ Supply Chain Management

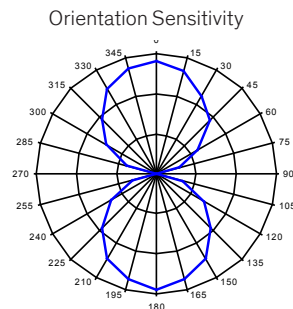
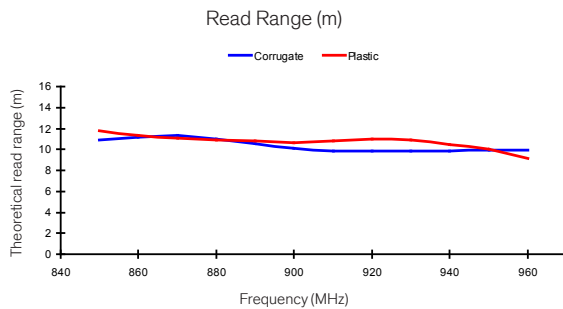
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Technical Features			
IC + Memory* Impinj Monza 4D 128 bit EPC plus 32 bit	Size	Format**	Sales Code
	93 × 11 mm / 3.7 × 0.4 in Dry 97 × 15 mm / 3.8 × 0.6 in Wet		3002005 3001974
Web Width	100 mm / 3.9 in		
Operating Temperature	-40 °C to +85 °C / -40 °F to +185 °F		
Adhesive	Acrylic, water borne adhesive	& solvent-free permanent adhesive	
Qty/Reel	5,000 pcs / 20,000 pcs		
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 IC memories are available upon request.

**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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