SHORTDIPOLE

Excellent Global Performance on Various Materials

SMARTRAC's 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 now offered with the Impinj Monza R6 and R6-P chips that come with an Autotune feature, which helps the SHORTDIPOLE product to work at peak efficiency, even in rapidly changing environments. SHORTDIPOLE 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.

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 R6 & R6-P

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 R6 96 bit	**Size** 93 × 11 mm / 3.7 × 0.4 in 97 × 15 mm / 3.8 × 0.6 in	**Format*** Dry Wet	**Sales Code** 3004232 3004272
Impinj Monza R6-P 128 bit EPC + 32 bit user 96 bit EPC + 64 bit user	93 × 11 mm / 3.7 × 0.4 in 97 × 15 mm / 3.8 × 0.6 in	Dry Wet	3005076 3005077
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 formats are availabe upon request.

Read Range (m)

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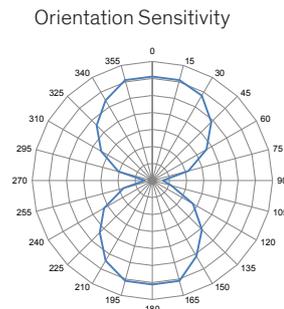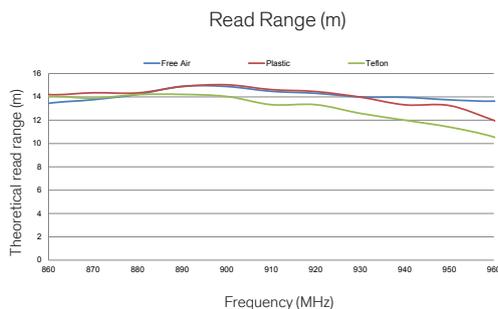
All the graphs are indicative: performance in real life applications may vary. The data has been determined based on calculations for transmitters with a 2W ERP output power level.

SMARTRAC N.V. · Strawinskylaan 851 · 1077 XX Amsterdam · The Netherlands
Phone: +31 20 30 50 150 · Fax: +31 20 30 50 155

Contact: Sales & Customer Service
www.smartrac-group.com/contact