



MINIWEB

Ideal for Small Apparel Labels

SMARTRAC's 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 NXP UCODE 7 that offers unique TID, enables pre-serialized EPC and parallel encoding, and provides a product status flag.

MiniWeb with the NXP UCODE 7, used in retail applications, is included on the approved inlay list for boxed electronics by the RFID Research Center of the University of Auburn, and complies with category A, B, D, and G. Furthermore, it meets GS1 Tagged-Item Performance Protocol (TIPP) Tagged-Item Gradings M10B and S10B, M15B 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)

NXP UCODE 7

Antenna Size

46 x 16 mm (1.8 x 0.6 in)

Die-cut Size

49 x 18 mm (1.9 x 0.7 in)

International Standards

- ▶ EPC Class 1 Gen 2
- ISO 18000-6C

Application Areas

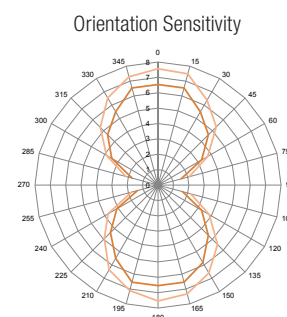
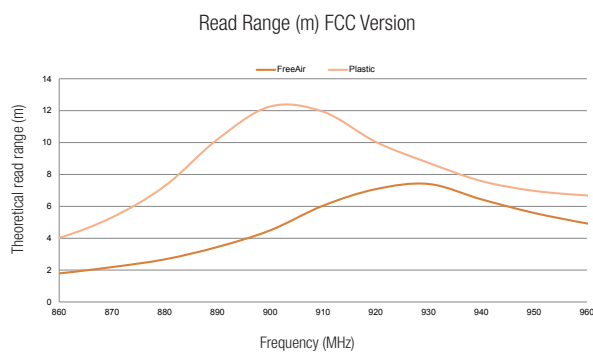
- ▶ Brand Protection
- ▶ Retail
- ▶ Supply Chain Management

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Technical Features			
IC + Memory NXP UCODE 7 128 bit EPC	Size 46 x 16 mm / 1.8 x 0.6 in 49 x 18 mm / 1.9 x 0.7 in 49 x 18 mm / 1.9 x 0.7 in 46 x 16 mm / 1.8 x 0.6 in	Format* Dry Wet Paper Tag Inlay	Sales Code 3003013 3003014 / 3005233 3003015 3004499 / 3005765
Web Width	54 mm / 2.1 in		
Operating Temperature	-40 °C to +85 °C / -40 °F to +185 °F		
Adhesive	Acrylic, water borne adhesive		
Qty/Reel	15,000 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 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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