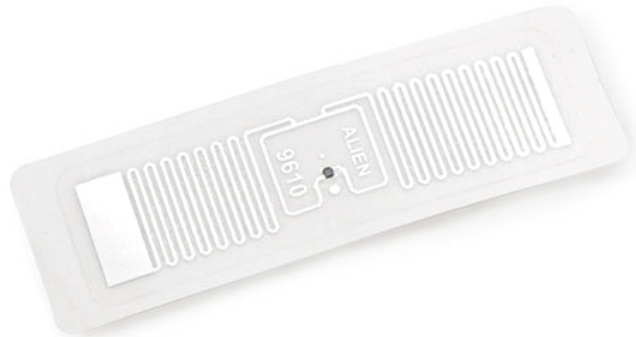


# UHF RFID Short Inlay/Label

## IDT 9610



The IDT RFID 9610 Label/Inlay powered by the advanced Higgs-3 core, offers exceptional performance and a comprehensive set of features. With a 96 bits EPC memory bank, this tag provides efficient tracking, authentication, and serialization capabilities. Its 512 bits of user memory allow for distributed data applications, while password-protected read and write support ensure data security. The IDT 9610 Label/Inlay tag finds applications in various industries, including corrugate cases, pallet placards, apparel hang tags, baggage tags, shipping labels, asset management, and file folder labels. It is a versatile and reliable solution for enhancing tracking, inventory management, and data organization.

### PHYSICAL PARAMETERS

<b>Label Dimension</b>	47.5mm x 13.4mm
<b>Antenna Dimension</b>	44.5mm x 10.4mm
<b>Adhesive</b>	General Purpose Permanent
<b>Interface Material</b>	"Paper, TT Printable White Film Overlay"
<b>Packaging</b>	Premium Plastic Packing
<b>Availability</b>	Dry/wet inlay

### ENVIRONMENTAL SPECIFICATION

<b>Operating Temperature</b>	-25°C to +50°C
<b>Storage Temperature</b>	-25°C to +50°C
<b>Chemical Resistance</b>	Resistant To Chemical Solvent and Moisture
<b>Write Cycles</b>	100,000
<b>Shelf Life</b>	2 years

## RFID PERFORMANCE

<b>Working Frequency</b>	865 – 868 MHz (ETSI) / 902 – 928 MHz (FCC)
<b>Standard Protocol</b>	"ISO/IEC 18000-6C EPCglobal Class 1 Gen 2"
<b>Chip Type</b>	Alien Higgs-3
<b>EPC Memory</b>	96 bits
<b>TID Memory</b>	64 bits
<b>Read Range Fixed Reader</b>	Up to 3m (Reader & Chip Dependent)
<b>Read Range Handheld Reader</b>	Up to 1.5m (Reader & Chip Dependent)

## PERSONALIZATION

<b>Pre-Encoding</b>	Customer Specific Encoding of EPC
<b>Customized Printed</b>	Customer Specific Layout Including Logo, Text, Numbers, Barcode, etc.

## ORDER INFORMATION

<b>Part No.</b>	IDT.RF.T.9610I.BL (Blank Inlay) IDT.RF.T.9610L.BL (Blank Label)
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## APPLICATION AREA



Retail



Supply Chain



Warehouse



Manufacturing



Healthcare



Logistics



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The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.  
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