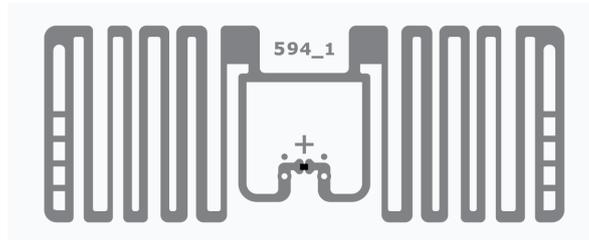


UHF MINI WEB INLAY

IDT 4518



The IDT Mini Web Inlay is a compact, high-performance inlay designed for item-level retail, apparel, healthcare, industrial, and logistics applications. With its small antenna footprint and excellent global RF performance, Miniweb® is ideal for tagging a wide range of materials, including apparel, electronics, home essentials, and general merchandise.

PHYSICAL PARAMETERS

Label / Die-cut Dimension	45 × 18 mm
Antenna Dimension	42 × 16 mm
Adhesive	General purpose permanent (wet/label)
Face Material	Paper / printable label stock
Availability	Dry inlay / Wet inlay / Label

ENVIRONMENTAL SPECIFICATION

Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Chemical Resistance	Resistant to moisture & common solvents
Shelf Life	Up to 2 years

RF PERFORMANCE

Working Frequency	860-960 MHz (ETSI), 902-928 MHz (FCC)
Standard Protocol	ISO/IEC 18000-6C, EPCglobal Class 1 Gen 2
Chip Type	NXP UCODE 9 / NXP UCODE 7XM / Impinj M730 / M750 / M830
EPC Memory	Depending on selected chip
TID Memory	Depending on selected chip

Read Range

Consistent short-to-medium range

Write Cycles

≥100,000

PERSONALIZATION

Pre-Encoding

Customer Specific Encoding of EPC

Customized Printed

Customer Specific Layout Including Logo, Text, Numbers, Barcode, etc.

ORDER INFORMATION

Part No.

IDT.RF.T.IDT4518(Blank)

APPLICATION AREA



Retail



Healthcare



Beauty and
Personal Care



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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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