

# HF LIBRARY LABEL

## IDT 310



IDT 310 is an ISO 15693-compliant High Frequency (HF) RFID tag operating at 13.56 MHz, specifically designed for library CD management applications. Powered by NXP ICODE® SLIX technology, this CD-type RFID label is precisely engineered with an outer diameter of 116mm, ensuring a perfect fit on large CDs. The solution enables accurate inventory tracking and fast, efficient check-in and check-out, helping libraries streamline operations and improve overall asset visibility.

### PHYSICAL PARAMETER

<b>Dimension</b>	116 mm dia
<b>Mounting</b>	Adhesive
<b>Material</b>	White Facestock Paper
<b>Data Retention</b>	50 Years
<b>IC Write Endurance</b>	100,000
<b>Labels Per Roll</b>	2000

### RF SPECIFICATION

<b>Protocol</b>	ISO/IEC 15693
<b>Operating Frequency</b>	13.56 MHz
<b>Read Range</b>	1.5m
<b>IC Type</b>	NXP ICODE SLIX
<b>Memory</b>	1024 bits

## ENVIRONMENTAL SPECIFICATIONS

Operating Temperature -25 °C to +50 °C

Storage Temperature -40 °C to +64 °C

Shelf Life 5 Years

## ORDER INFORMATION

Part Number IDT.RF.T.HF.LIB.310

## APPLICATION AREA



Library  
Management



Education



Jewelry



Drug  
Management



Retail



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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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