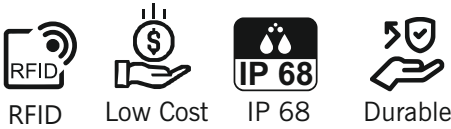


# RFID CABLE TIES

## IDT CBLT



RFID Cable Ties (IDT CBLT) are versatile tags available in HF (High Frequency), LF (Low Frequency), and UHF (Ultra-High Frequency) options. These cable ties are designed to be affixed on sacks or containers, enabling easy and reliable identification within a read range of 3cm to 8m, depending on the frequency used. They are widely deployed in industries such as aerospace, manufacturing, supply chain, logistics, and warehousing. With their easy attachment mechanism, they provide a convenient solution for asset tracking and management. The RFID technology integrated into these cable ties enhances security, helping prevent pilferage and ensuring the overall integrity of goods and assets.

### PHYSICAL PARAMETERS

<b>Dimension</b>	Variable
<b>Weight</b>	20g ± 2
<b>Encasement / Material</b>	ABS Material / GI Wire (PVC, Nylon)
<b>Packaging</b>	Premium Plastic Packing

### ENVIRONMENTAL SPECIFICATION

<b>Operating Temperature</b>	-40°C to +85°C
<b>Storage Temperature</b>	-40°C to +85°C
<b>Chemical Resistance</b>	Resistant To Chemical Solvent and Moisture
<b>Shock &amp; Vibration</b>	MIL STD 810-G
<b>Attachment</b>	Locking Mechanism
<b>Sealing</b>	IP 68

## UHF PERFORMANCE

<b>Working Frequency</b>	125 KHz/134 KHz, 13.56MHz, 865 – 868 MHz / 902 – 928 MHz
<b>Standard Protocol</b>	ISO 14443A, ISO 15693, ISO/IEC 18000-6C, EPC Global C1G2
<b>Chip Type</b>	NTAG, MIFARE, ICODE, Alien Higgs-3 /4, Monza 4/4QT/5/R6/R6P, UCODE 7/8 chip
<b>EPC Memory</b>	Chip Dependent
<b>TID Memory</b>	Chip Dependent
<b>Read Range Fixed Reader</b>	Upto 10 cm(LF & HF) / Up to 8m (UHF)
<b>Read Range Handheld Reader</b>	Upto 3 cm(LF & HF) / Up to 5m (UHF)

## 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.CBLT.BL (Blank) IDT.RF.T.CBLT.WP (With Print)
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## APPLICATION AREA



Construction



Transportation



Manufacturing



Logistics



Warehouse



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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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