

# UHF NAIL TAG

## IDT BL 01



The RFID UHF Nail Tag IDT NL 01 is a type of passive tag that is specifically designed to be nailed onto wooden pallets. These tags operate on UHF Gen2 technology and can be read from a distance of up to 15 meters, making them ideal for use in logistics and supply chain management. Additionally, these tags are highly resistant to rust, making them suitable for use in wet and chemical environments. Due to their durability and long-range capabilities, RFID UHF Nail Tags are widely utilized in industries where inventory tracking is critical to operations.

### PHYSICAL PARAMETERS

<b>Dimension</b>	150mm x 25mm x 16mm
<b>Weight</b>	8g ± 1
<b>Encasement / Material</b>	ABS
<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>	Insertion
<b>Sealing</b>	IP 68

## RFID PERFORMANCE

<b>Working Frequency</b>	860-960 MHZ (ETSI), 902-928 MHZ (FCC)
<b>Standard Protocol</b>	EPC Class 1 Gen2 (ISO18000-6C)
<b>Chip Type</b>	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>	Up to 5m (Reader & Chip Dependent)
<b>Read Range Handheld Reader</b>	Up to 3m (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.NL.01.BL (Blank)
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## APPLICATION AREA



Forestry Management



Logistics



Supply Chain Management



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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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