UHF NAIL TAG
IDT NL 01

UHF   Low Cost   IP 68   Durable

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 5 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

Dimension	150mm x 25mm x 16mm
Weight	8g ± 1
Encasement / Material	ABS
Packaging	Premium Plastic Packing

ENVIRONMENTAL SPECIFICATION

Operating Temperature	-40℃ to +85℃
Storage Temperature	-40℃ to +85℃
Chemical Resistance	Resistant To Chemical Solvent and Moisture
Shock & Vibration	MIL STD 810-G
Attachment	Insertion
Sealing	IP 68

RFID PERFORMANCE

Working Frequency	865 – 868 MHz (ETSI) / 902 – 928 MHz (FCC)
Standard Protocol	ISO/IEC 18000-6C, EPC Class 1 Gen 2v2
Chip Type	Alien Higgs-9, Impinj M700/800 Series, UCODE 9 chip
EPC Memory	Chip Dependent
TID Memory	Chip Dependent
Read Range Fixed Reader	Up to 5m (Reader & Chip Dependent)
Read Range Handheld Reader	Up to 3m (Reader & Chip Dependent)

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.NL.01.BL (Blank)

APPLICATION AREA

Forestry Management   Logistics   Supply Chain Management