

UHF BOLT TAG

IDT BLT 02



On Metal
Performance



IP 68



UHF RFID



Temperature
Resistant



Durable

The IDT BLT 02 is a type of UHF Gen2 Long Range Passive Tag that can be bolted onto a variety of surfaces, such as wooden pallets, metal containers, or other items used in logistics and supply chain operations. These tags provide a reading range of up to 1.8 meters and are highly resistant to rust and other environmental factors. The bolt attachment method makes these tags more secure than nail tags and ensures they remain attached to the item they are tracking.

PHYSICAL PARAMETERS

Dimensions	M16mm, 26mm (H) x 25mm (Top)
Weight	49g \pm 2
Encasement / Material	304 Stainless steel + Epoxy
Packaging	Premium Plastic Packing

ENVIRONMENTAL SPECIFICATION

Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Chemical Resistance	Resistant To Chemical Solvent and Moisture
Shock & Vibration	MIL STD 810-G
Attachment	Screw in; Welding or soldering
Sealing	IP 68

UHF PERFORMANCE

Working Frequency	860-960 MHz (ETSI), 902-928 MHz (FCC)
Standard Protocol	EPC Class 1 Gen2 (ISO18000-6C)
Chip Type	UCode 8 Chip
EPC Memory	128 bits

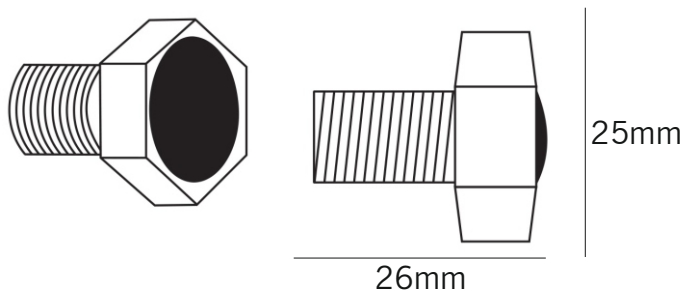
TID Memory

96 bits

Read Range

Up to 1.8m (Reader & Chip Dependent)

TAG DIMENSION



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.BLT.02.BL (Blank)

APPLICATION AREA



Supply Chain
Management



Aerospace



Manufacturing



Oil & Gas
Industry



Logistics



ID TECH SOLUTIONS PVT. LTD.

610, Udyog Vihar Phase-5, Gurgaon, Haryana - 122016, INDIA | T. : +91-124 - 4255530 (6 Lines)

E.: info@idsolutionsindia.com | W: www.idsolutionsindia.com



The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.

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