

UHF Mount On Metal Tag

IDT FERRIC 65™



UHF



Low Cost



IP 68



Durable



Reusable

The IDT Ferric 65 is a highly advanced RFID tag that is designed for on-metal tagging and offers long-range communication capabilities. This compact tag is available in two frequency bands - 865-868 MHz (ETSI) and 902-928 MHz (FCC) - to suit different applications. The Ferric 65 is compact enough to be used in a wide range of applications, including asset tracking, returnable transport units (RTUs), and supply chain management. It is ideal for industrial logistics and manufacturing, where reliable and accurate tracking of assets is essential for efficient operations.

PHYSICAL PARAMETERS

Dimensions 68mm x 17mm x 6mm

Weight 6gm ± 2

Encasement / Material ABS/PVC

Packaging Premium Plastic Packing

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature -40°C to +85°C

Storage Temperature -40°C to +85°C

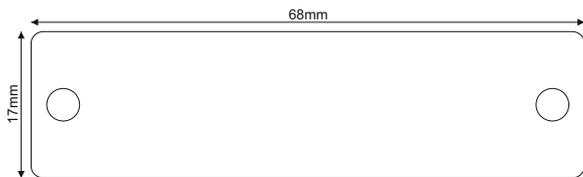
Chemical Resistance Resistant To Chemical Solvent and Moisture

Shock & Vibration MIL STD 810-G

Attachment Adhesive, Magnets

Sealing IP 68

FERRIC 65 DIMENSION



UHF 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 with Fixed Reader	Up to 6m (Reader & Chip Dependent)
Read Range with Handheld Reader	Up to 4m (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.FE.65.BL (Blank)
	IDT.RF.T.FE.65.AI (Adhesive Indoor)
	IDT.RF.T.FE.65.AO (Adhesive Outdoor)
	IDT.RF.T.FE.65.MR (Magnets / Rivets)

APPLICATION AREA



Manufacturing



Aviation



Logistics



Supply Chain



Warehouse



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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