UHF Mount On Metal Tag
IDT FERRIC™ 150

UHF Low Cost IP 68 Durable Reusable
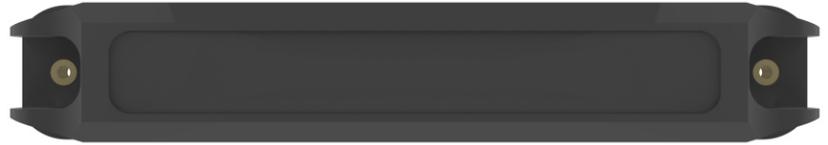
The IDT Ferric 150 is the largest RFID tags in the Ferric series, measuring 150mm x 26mm x 16mm. Despite its size, this tag offers a long read range of up to 12 meters, depending on the specific setup and environment. Like other Ferric series tags, the Ferric 150 is designed to be versatile and easy to mount. It can be attached using adhesive, magnetic, or screw options, depending on the specific requirements of the application. The Ferric 150 tag is well-suited for a variety of tracking and management applications, particularly in industrial settings. Its large size and long read range make it ideal for tracking large items, such as vehicles or heavy equipment, and it can help improve efficiency and accuracy in a variety of tracking and management tasks.

PHYSICAL PARAMETERS

Dimensions	150mm x 26mm x 16mm
Weight	20gm ± 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 150 DIMENSION

150mm

26mm
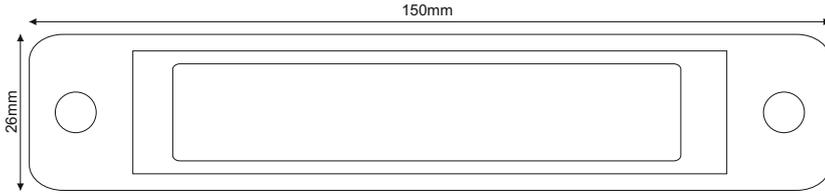
UHF PERFORMACE

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 12m (Reader & Chip Dependent)
Read Range with Handheld Reader	Up to 6m (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.150.BL (Blank)
	IDT.RF.T.FE.150.AI (Adhesive Indoor)
	IDT.RF.T.FE.150.AO (Adhesive Outdoor)
	IDT.RF.T.FE.150.MR (Magnets / Rivets)

APPLICATION AREA

Manufacturing   Aviation   Logistics   Supply Chain   Warehouse