

# EDGE - 5050

EDGE 5050 is an RFID hard tag optimized for securing metal assets. The tag is made to stand in a harsh environment based on rugged construction, square footprint, and good durability. It is ideal for Logistics & Supply chain, and manufacturing applications.



The tag can be easily mounted on any metal surface mechanically by using screws or pop rivets, cable ties.

## Applications



Warehouse Management



Retail Management



Asset Tracking

## Product Drawing:



## Ordering Information

Part Number	Item Details
RFAB-100808-ETSI/FCC	On-Metal Tag tag with M781 IC
RFAB-100108-ETSI/FCC	On-Metal Tag tag with monza4QT IC



## Electrical Specifications

<b>Operational Frequency</b>	FCC: 902-928MHz ETSI: 865- 868 MHz
<b>Interface Protocol</b>	ISO 18000-63 and EPCglobal Gen2v2
<b>Chip Type*</b>	IMPINJ M781
<b>Memory Configuration</b>	EPC Memory – 128 bits User Memory- 512 bits
<b>Data Retention</b>	50 Years
<b>Write Cycle Endurance</b>	100,000 cycles
<b>Read Range**</b>	Upto 18 Meter

## Product Characteristics

<b>Tag Size</b>	50.5 x 58.5 x 12 mm/1.98 x 2.3 x 0.47 in
<b>Yield</b>	100 %
<b>Material</b>	ABS
<b>Packaging</b>	50 Tags / Packet ,
<b>Attachment</b>	Screw , Riveting

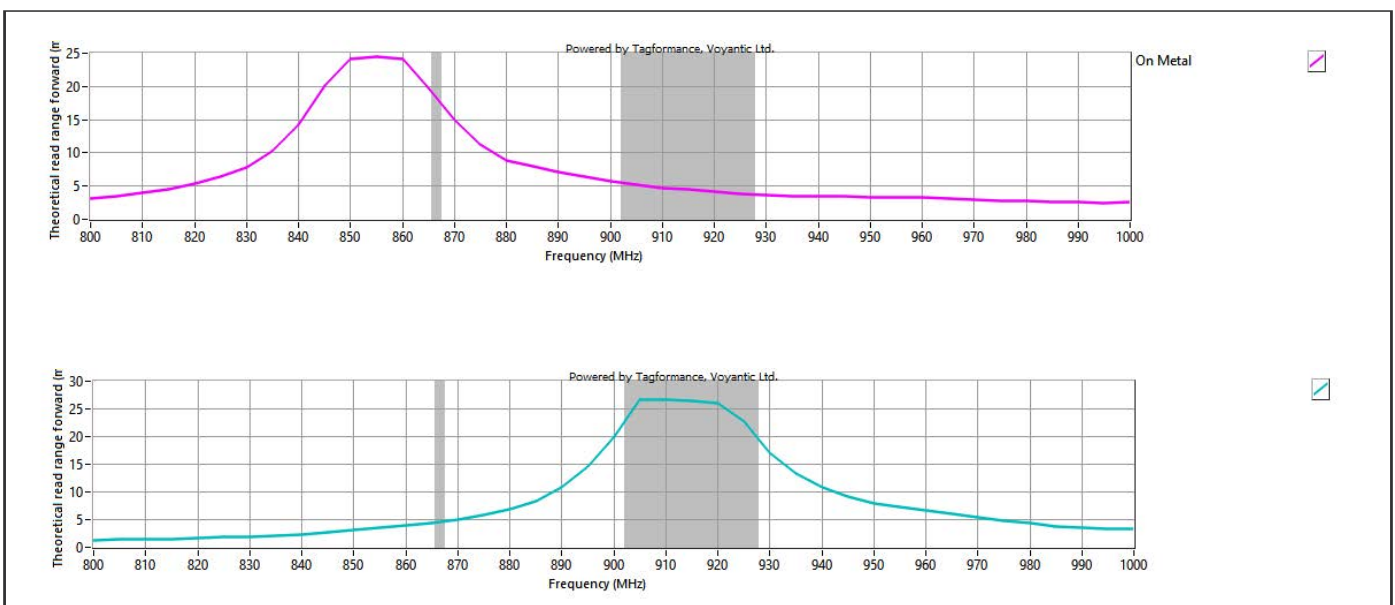
## Environmental Specifications

<b>Operating Temperature</b>	-40 to +85 °C
<b>Storage Temperature</b>	-40 to +85°C
<b>IP Rating</b>	IP68

## Personalization

- Customer specific encoding of EPC
- Customised printing of logo, text, barcode etc

## READ RANGE GRAPH



Edge 5050 - RF performance(M781)

\*\* The indicated read range values are measured in our laboratory testing environment, where antennas with optimum directivity are used with maximum allowed operating power. Different surface materials and environments may exhibit different results.