

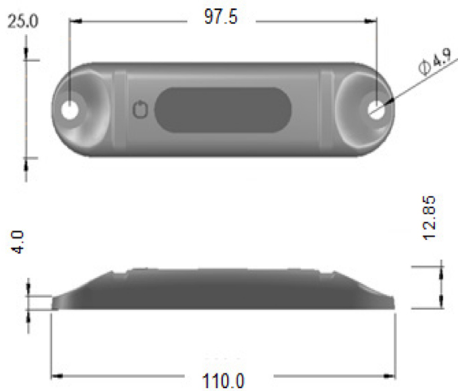
## [ Products ] you can identify with



### Physical Specifications

<b>Material</b>	Grey ABS rigid plastic
<b>Size</b>	110 x 25 x 12.85 mm, 4.33 x 0.98 x 0.51 in
<b>Weight (g)</b>	26
<b>Attachment</b>	Mechanical (std), cable tie, premium foam (option)

### Dimensions



Measurements shown in mm

## Exo 800

Omni-ID Exo 800 is long range passive UHF RFID tag capable of reading on, off, and near metal surfaces. Designed in a surprisingly small form factor, the Omni-ID Exo 800 features a rugged design for long term use in outdoor and industrial environments. New to the Exo 800 is a customization option for a transparent tag that provides full protection for printing within the tag case.



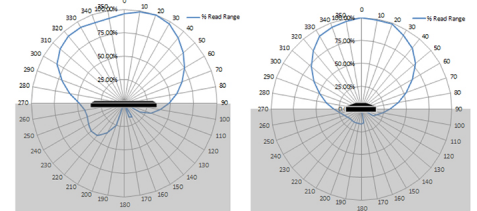
### RF Specifications

<b>Radio Protocol</b>	EPC Class 1 Gen2v2
<b>Frequency Range</b>	860 - 930 (GS)
<b>Read Range - Fixed Reader</b>	Up to 8m (on metal), Up to 6m (off metal)
<b>Read Range - Handheld Reader</b>	Up to 4m (on metal), Up to 3m (off metal)
<b>On Metal or Balanced</b>	Optimized for metal
<b>IC Type (Chip)</b>	Impinj Monza 4QT
<b>Memory</b>	EPC - 128 bits User - 512 bits Unique TID - 48 bits

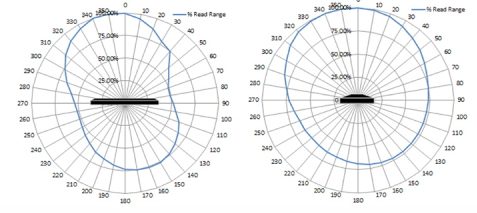
EPC and User memory are reprogrammable. UTID is locked at point of manufacture by IC manufacturer.

### Radiation Patterns

On Metal



On Plastic



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With a long read range and high durability, the Omni-ID Exo 800 is ideally suited to:

- Manufacturing tote tracking
- Retail supply chain
- Logistics and Postal

### Certifications

CE, RoHS, Ex, ATEX/IECEX certified (option), US&Canada (C1D1/D2) certified (option)



### Environmental Specifications

<b>Operating Temperature</b>	-40°C to +85°C
<b>Survivability</b>	-40°C to +65°C
<b>Max Temperature Exposure</b>	-40°C to +65°C
<b>IP Rating</b>	IP68
<b>Shock &amp; Vibration Tolerance</b>	MIL-STD-810 G
<b>Impact</b>	10KG from 1m

### Ordering Information

<b>Product Options</b>	:303 (Customization) :304 (ATEX/IECEX certified) :307 (US&Canada (C1D1/D2) certified) :332 (Transparent case) :508 (Premium foam) :701 (Standard Service Bureau)
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<b>Part Number / Order Codes / Order Numbers</b>	077- GS
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For product or technology inquiries email: [sales@omni-id.com](mailto:sales@omni-id.com).  
Visit [omni-id.com](http://omni-id.com) to learn more about the complete line of **Omni-ID RFID** products