



**FENESTRAM 601411**  
**60 x 14.5 x 11 mm**  
**ON METAL UHF RFID TAG**  
**3 holes 16 x 4 mm**  
**Ideal for cable tie mounting**  
**865...868 MHz (EU)**  
**ISO/IEC18000-6C**

<b>Product:</b>	<b>Rugged Ultra High Frequency RFID TAG for Easy Mounting on METAL by cable tie etc.</b>	
<b>EPC CLASS 1 GEN 2UHF RFID Chip Options:</b>	<b>Standard-Version:-&gt;</b> Impinj Monza 4QT, EPC 96 bits up to 128 bits, User Memory 512 bits> -> Other chip versions are available on request -> needs new TAG development	
<b>Read Range:</b>	EU: On metal up to 8 m	(Depends on RFID IC type and reader power)
<b>Frequencies:</b>	EU: 865...868 MHz	(At room temperature 20°C)
<b>Dimensions / Weight:</b>	(60 x 14.5 x 11) mm, 3 holes (16 x 4 mm)	6 g
<b>Material / Colour:</b>	ABS (optional with Adhesive back)	Dark Grey (other colours on request)
<b>Protection Class:</b>	IP55 Protected against dust limited ingress, no harmful deposits.	Protected against low pressure jets of water from all directions, limited ingress permitted.
<b>Minimum Order Quantity:</b>	1000 pieces (samples are available)	Minimum Production Lot: 1000 pcs
<b>Operating- / Storage-Temperature:</b>	-35°C ...+ 85°C	-35°C ...+ 85°C
<b>Certification / Other:</b>	<b>CE</b>	<b>RoHS ✓</b>
<b>Part Description:</b>	FENESTRAM-601411-OMT-GY-UHF-M4QT-EU	Part-no.

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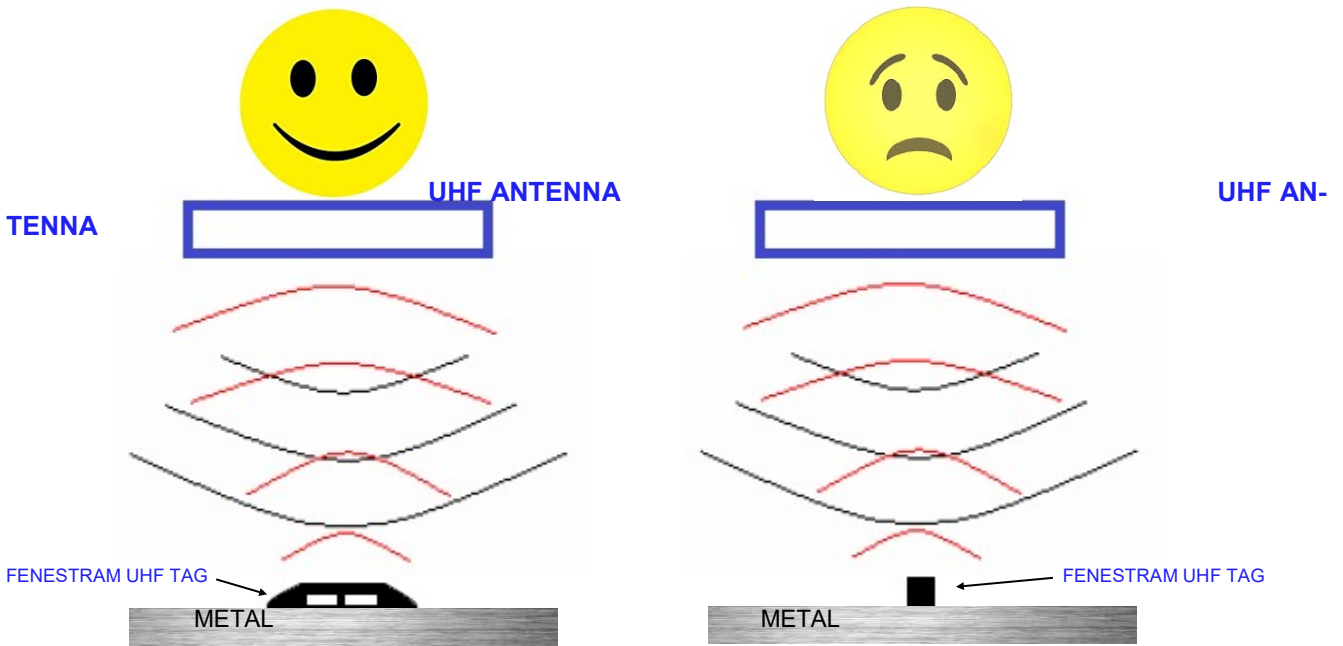
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**MOUNTING ON METAL:**

- The FENESTRAM ON METAL UHF RFID TAG is linear polarized to rectangular mounting holes provided.
- The best mounting method to get best possible read range result is if the flat bottom of the FENESTRAM has direct contact to metal.
- Make sure that there is no hindrance between the UHF reader antenna and the FENESTRAM TAG
- The UHF RFID reader antenna should be perpendicular to the axis of TAG hole as shown below.

**CORRECT METHOD**

**WRONG METHOD**



For easy mounting with cable ties the FENESTRAM ON METAL UHF RFID TAG provides 3 rectangular holes.

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### **Options:**

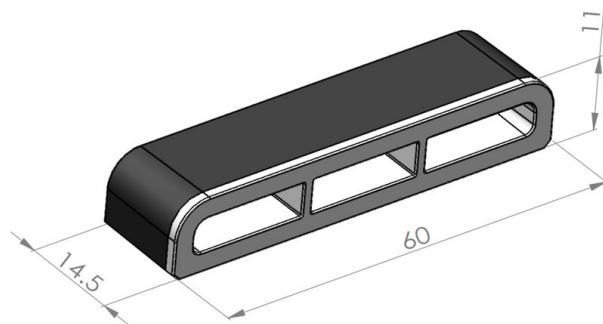
- Other colour version available.
- Different Frequency Versions (UHF) country/region versions on request
- Customised laser printing
- Customised logo printing
- Serial Number printing
- UID Number printing
- Adhesive back sticker foil

This FENESTRAM passive (battery-less) UHF RFID transponder is used by system integrators or endusers to identify all kind of equipment in industrial harsh environment.

### **Applications:**

- Asset Management
- Container
- Industrial ID
- Inventory & Logistics
- Laundry Roll Cage
- Maintenance and Service
- Metal Object Identification
- Your application

### **Dimensions:**



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