

# Low Frequency Prelam

## Overview

We offer a wide range of Low Frequency Prelam (125Khz), also known as RFID Inlays, as the core part of ISO Standard Contactless Cards production.

The Low Frequency band (125Khz-134.2Khz) offers high resistance against external interference along with an excellent reading/writing performance also in the presence of metal and water.

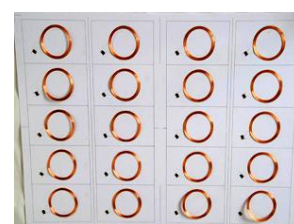
The read range of our passive LF Prelams may go up to 1 meter.

## Application

The LF Prelams are suitable for various fields of application: access control, asset authentication, car immobilizers, pallet tracking, healthcare applications, waste management, warehouse management and many others.

## Main Advantages

- All products are produced with first in class machines using mature and reliable technologies;
- Support mass production as well as trial project, ensuring always a very fast delivery time;
- Competitive price for high quality product and fast support.



## General Specification

<b>Available IC</b>	<ul style="list-style-type: none"> <li>◆ EM4100/4102, EM4200, T5577, Hitag, Compatible Chip, etc.</li> <li>◆ IC format: Au-bumped wafer, COB</li> </ul>
<b>Support Protocol</b>	ISO 14443 Type A & TypeB, ISO 15693, ISO18000-6B/C, EPC etc
<b>Delivery Format</b>	Pre-laminated Sheet Inlay, Finished Card/Tag
<b>Inlay Format</b>	2*5, 3*7, 3*8, 4*8, 5*5, etc.
<b>Material</b>	PVC, PETG, TESLIN etc.
<b>Antenna Shape</b>	Round , Oval, detailed shape designed according to card/inlay size
<b>Antenna Material</b>	Copper Coil
<b>Maximum Dimension</b>	L: 510±5mm W: 410±5mm for Pre-Laminated Inlay
<b>Thickness</b>	0.5+0.04mm for Pre-laminated Inlay
<b>Operation Temperature</b>	-20°C ~ +70°C
<b>Weight</b>	Around 4gr per Pre-laminated Sheet Inlay, depends on thickness

### Quality Guarantee

- The 100% of Our products are tested (dimension, visual inspection and functionality);
- The Product Specification will be confirmed by the client before mass production, or in accordance to the samples if provided, in order to comply always with the requirements;
- We use a solid packaging in order to prevent damages during the shipping stage.

