EM CARD

RFID Cards – 125 KHz

Order code:	**EM CARD**

General description

125 kHz RFID cards are low-frequency (LF) proximity cards used for basic identification and access control applications. They provide reliable short-range communication and are widely used in legacy and simple access systems.

Key Features

- Contactless proximity technology
- Operating frequency: 125 kHz
- Reliable short-range communication
- Simple and cost-effective identification solution
- Wide compatibility with existing LF RFID readers

Typical Applications

- Access control systems
- Time and attendance systems
- Parking systems
- Building entry systems

Physical Characteristics

- Standard CR80 card format
- Dimensions: 85.6 × 54 mm
- Thickness: approx. 0.8 mm
- Material: PVC

Compatibility

These cards are compatible with RFID readers supporting 125 kHz low-frequency proximity technology.

RFID Cards – 13.56 MHz

13.56 MHz RFID cards are contactless smart cards commonly used for secure identification, access control, and automation systems. These cards operate using high-frequency (HF) RFID technology and are widely used in building management, industrial control systems, and smart card applications.

Typical standards include ISO/IEC 14443 and ISO/IEC 15693.

Key Features

- Contactless communication
- Operating frequency: 13.56 MHz
- Compatible with NFC-enabled readers
- Secure authentication options depending on chip type
- Suitable for access control and identification systems

Typical Applications

- Building access control
- Employee identification
- Smart building systems
- Industrial automation
- NFC applications

Physical Characteristics

- Standard CR80 card format
- Dimensions: 85.6 × 54 mm
- Thickness: approx. 0.8 mm
- Material: PVC

Compatibility

These cards are compatible with RFID readers supporting 13.56 MHz HF technology.