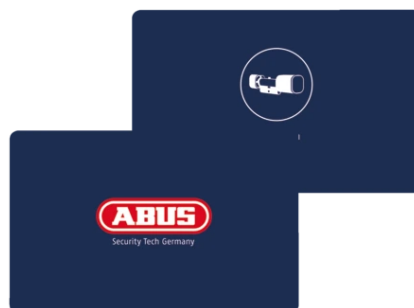


# WLX transponder cards (5-piece set)

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These five transponder cards can be used in your wAppLoxx locking system.

## Technologies

- RFID transponder cards (Mifare Desfire EV1)
- Contactless opening of the ABUS wAppLoxx locking system
- Consecutive numbering
- Sturdy design

## Technical data - WLX transponder cards (5-piece set)

|                             |                                                                    |
|-----------------------------|--------------------------------------------------------------------|
| Areas of application        | Locking medium for ABUS access control systems (wAppLoxx & TECTIQ) |
| Article abbreviation        | K-MIF-DES-4K-SEC-SET                                               |
| Colour                      | blue                                                               |
| Construction type of device | Card                                                               |
| Depth                       | 1 mm                                                               |
| Diameter                    | 54 mm                                                              |
| Dimensions                  | 86 x 54 x 1 mm                                                     |
| Frequency                   | 0.01356 GHz                                                        |
| Gross weight                | 0.03 kg                                                            |
| Height                      | 54 mm                                                              |
| Material                    | plastic                                                            |
| Max. Operating temperature  | 50 °C                                                              |
| Min. operating temperature  | -20 °C                                                             |
| Net weight                  | 0.03 kg                                                            |
| PSTI conformity needed      | No                                                                 |
| Programming technology      | RFID (13,56 MHz)                                                   |
| RFID conformity             | ISO 14443                                                          |
| RFID frequency              | 13.56 MHz                                                          |
| RFID technology             | MIFARE® DESFire® EV1                                               |

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## Technical data - WLX transponder cards (5-piece set)

|                         |                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------|
| Reader type             | MIFARE® DESFire® 4K EV1 (70pf)                                                           |
| Reading distance        | 2 cm                                                                                     |
| Security features       | Copy and read protection with MIFARE® DESFire® + ABUS security application and Random ID |
| Transponder conformity  | Passive transponder ISO 14443 A (MIFARE® DESFire®)                                       |
| Transponder encryption  | AES 128-Bit                                                                              |
| Transponder programming | Access control software and card reader                                                  |
| Weight                  | 0.055 g                                                                                  |
| width                   | 86 mm                                                                                    |