

Product number: 17109

NFC seal/cable tie ABS - steel strap - loop length 145 x 1.5 mm - NTAG213 - 180 byte - red



Product information

The red NFC cable tie is robust and waterproof at the same time due to its ABS material and the insulated loop made of steel and is therefore particularly suitable for identifying objects on construction sites.

Short description

- ABS material, rigid
- not suitable for metallic/conductive surfaces
- loop length: 145 x 1.5 mm
- Indoor and outdoor use
- Ambient temperature from -25 to +70 degrees
- NXP NTAG213 (NTAG213) - 180 Byte (NDEF: 137 Byte)

Product description

NFC product

Made of durable ABS with an insulated steel band, this cable tie not only provides excellent resistance to wear and damage, but also offers great flexibility in length as the steel band can be easily shortened to the desired size. The steel strap has a total length of 145 mm with a diameter of 1.5 mm. The NFC chip is built into a plome at the end of the cable tie and is compatible with all NFC-enabled smartphones. The plome has a length of 35 mm, a width of 25 mm and a material thickness of 5 mm.

NFC chip

The NFC cable tie is equipped with the original NXP NTAG213 and offers a cost-effective entry into the NTAG21x series. The NXP NTAG21x series impresses with the greatest possible compatibility, good performance and intelligent additional functions. The NTAG213 has a total capacity of 180 bytes (free memory 144 bytes), of which usable memory in the NDEF is 137 bytes. Each individual chip has a unique serial number (UID) consisting of 7 bytes (alphanumeric, 14 characters). The NFC chip can be written up

to 100,000 times and has a data retention of 10 years. The NTAG213 has the UID ASCII Mirror feature, which allows the tag's UID to be appended to the NDEF message, as well as an integrated NFC counter that automatically increments during readout. Both features are not enabled by default. The NTAG213 is compatible with all NFC-enabled smartphones, the NFC21 tools, and all ISO14443 terminals.

- Total capacity: 180 bytes
- Free memory: 144 bytes
- Usable memory NDEF: 137 byte

Product properties

| | |
|-----------------------------------|---|
| Product number | 17109 |
| Detail colour | red |
| Memory | 180 Byte (free: 144 Byte, NDEF: 137 Byte) |
| Functions | Write protection, UID ASCII Mirror, 32-bit Password, 24-bit Counter, ASCII Mirror, 7 Byte UID, true anticollision, rewritable |
| Frequency | 13.56 MHz |
| Chip | NXP NTAG213 |
| Data transfer rates | 106 kbit/s |
| Storage temperature | Min -55°C - Max +125°C |
| Chip standards / ISO Norm | ISO 14 443-3 A, ISO 14 443-2 A |
| Available colours | red |
| Operating temperature | Min -25°C - Max +70°C |
| Data retention | 10 years |
| Number of write operations | 100.000 times |
| Material | ABS |
| Compatibility | to NFC-enabled smartphones: 100% |
| Further links | ntag |
| Antenna | Aluminium |
| Type | Cable binder |
| NFC Forum Type | NFC Forum type 2 |
| Delivery options | single |

| | |
|-------------------------|-------------------|
| Colour category | red |
| Adhesive layer | No |
| Water resistance | waterproof (IP67) |

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