Product number: 17012

NFC cable tie ABS - steel strap - loop length 280 x 1.5 mm - NTAG213 - 180 byte - white | white



Product information

The white NFC cable tie is robust and waterproof at the same time due to its ABS material and the 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: 280 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

The white cable tie is made of ABS/plastic and steel, making it weather resistant. The loop has a total length of 280mm with a diameter of 3mm. At the end of the cable tie is the NFC chip. At this point the cable tie has a length of 35mm, a width of 25mm and a material thickness of 5mm. This NFC cable tie is compatible with all NFC-enabled smartphones.

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), thereof usable memory in the NDEF 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 byte
- Free memory: 144 byte
- Usable memory NDEF: 137 byte

Product properties

Product number	17012
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Available colours	green , yellow , blue , red , white
Functions	Write protection , UID ASCII Mirror , 32-bit Password , 24-bit Counter , ASCII Mirror , 7 Byte UID , true anticollision , rewritable
Detail colour	white
Frequency	13.56 MHz
Chip	NXP NTAG213
Data transfer rates	106 kbit/s
Storage temperature	Min -55°C - Max +125°C
UID imprint	Yes
Chip standards / ISO Norm	ISO 14 443-3 A , ISO 14 443-2 A
Operating temperature	Min -25°C - Max +70°C
Data retention	10 years
Number of write operations	100.000 times
Colour category	white
Material	ABS
Compatibility	to NFC-enabled smartphones: 100%
Further links	ntag
Antenna	Aluminium
Type	Cable binder

NFC Forum Type	NFC Forum type 2
Adhesive layer	No
Water resistance	waterproof (IP67)

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