

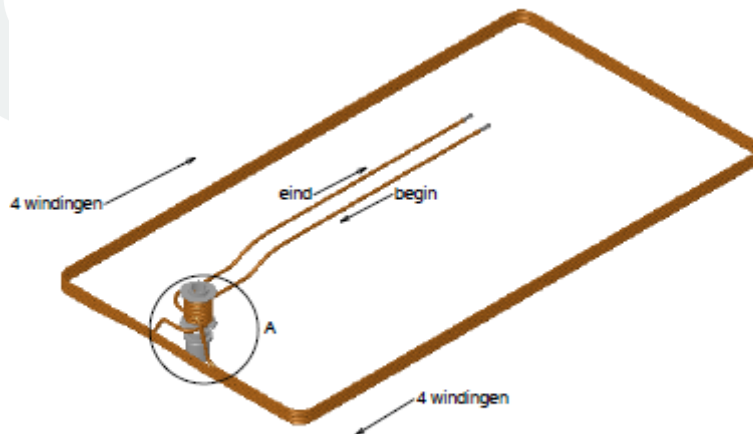
Groenlo, 13 October 2011

Antenna information

Description : 134.2 kHz Inductive RFID Card Reader
 FCC ID : CGDVELOS5
 IC : 1444A-VELOs5
 Manufacturer : N.V. Nederlandsche Apparatenfabriek "Nedap"
 Brand : Nedap
 Model : VP1004 VELOS and VP1004 GEA
 Antennas : VP6011, VP6012, VP6020 and VP6030

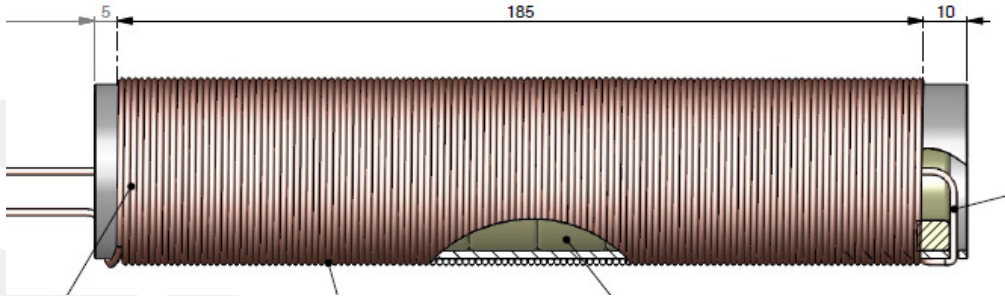
1. Antenna for VP6011 and VP6012
 Type : Inductive O-Antenna
 Material : Copper Wire
 Number of turns : 4
 Wire thickness : 120x0.1 mm, twisted
 Dimensions : 265x155 mm

See the diagram below.



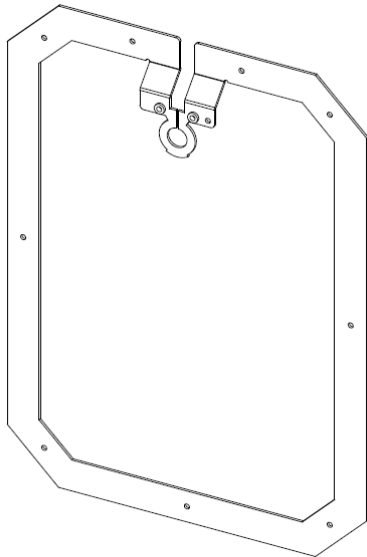
2. Antenna for V-Stick VP6020
 Type : Inductive loop antenna
 Number of turns : 121
 Material : Copper wire
 Thickness : 120 x 0.1 mm, twisted pair
 Length : 180
 Diameter : 40 mm

See diagram below



- 3. Antenna for VP6030
- Type : Inductive O-loop antenna
- Material : Aluminum
- Number of turns : 1
- Thickness : 2 mm
- Dimensions : 280 by 390 mm
- Width : 25 mm
- Drawing : 9926461, Exhibit 4b

See diagram below and exhibit 4a



Jacques Hulshof