

MiCard V2 HID antenna

Description of the MiCard V2 HID Coupling device

Version no: 1.00

Stand: May 18, 2009

Coupling device

The “antenna” of the device is not a real antenna. It is more or less a magnetic coupling device. For such a coupling device it makes no sense to define the antenna gain, because it is much too small to be a real antenna and the loss is too big. So if the antenna gain would have to be defined it would be far in the negative.

The coupling device is a rectangular, wound coil with the following dimensions: 52mm x 34mm x 1.8mm.

It consists of 93 turns of self-bonding isolated copper wire with a diameter of 0.3 mm.

