

13.56MHz Field Strength Probe



Our RFID/NFC field strength probe measures the strength of the emitted field and displays this on a graded and labelled 15 step three colour LED indicator. The probe is sized exactly as a standard ID1 card (86mm x 54mm) and has an etched antenna that reflects a typical contactless or dual-interface smartcard or NFC tag. It can be used to obtain a good measure of a reader's performance at different distances and positions, and to get an indication of the actual field strength in A/m.

According to the normal ISO 14443 specifications, the magnetic field strength should range between 1.5 and 7.5 A/m although smaller lower-power readers and other NFC devices such as mobile phones can tend to be lower, and some devices emit a pulsed rather than steady RFID field. To cover this, the field strength probe can measure signals down to 0.4 A/m, and updates the indicator LEDs in real time.

Highly convenient and fully portable, the 13.56MHz FSP is powered exclusively by the reader and therefore requires no batteries or external power to operate. Can be used to check and test any ISO 14443, ISO 15693 and ISO 18000-3 NFC and RFID reading devices.

Comes in a convenient protective pocket case.

A handy RFID/NFC signal strength probe with standard card-sized antenna that measures and indicates the actual field strength being emitted by a nearby reader. Fully portable and powered by the reader.

To buy, visit:

<https://www.smartcardfocus.com/shop/ilp/id~846/p/index.shtml>

This Product Briefing has been produced by [Dot Origin Ltd](#), the smart card experts behind [SmartcardFocus.com](#). If you have a query email sales@smartcardfocus.com or call us on +44 (0)1428 685250.

Technical Specifications

Function: Passive 13.56Mhz field strength probe

Dimensions: 3.37" x 2.13" (85.60 x 53.98 mm)

Output: 15 LED three color bar graph indicator, with fine resolution below 1.5 A/m and intelligent LED indication for above ISO14443 limits (>7.5 A/m)

Features: Constant field load (independent measurement/indication cycle)

Reader Interface compatibility

ISO14443, ISO15693 and NFC reader

Warranty: 1 year manufacturer's warranty

Country of origin: Austria

HSF code: 8542390000

