

OBID i-scan® HF

HF Handheld Antenna ID ISC.ANTH200/200



FEATURES

- Read range up to 40 cm
- 3.60 m connecting cable
- Available with straight or angled handle



SHORT DESCRIPTION

ID ISC.ANTH200/200-A/-B is a Single Loop Antenna and was optimized for operation with OBID i-scan[®] HF Mid Range Readers ID ISC.MR102 and ID ISC.MR200.

With an emitted transmission power of 1W by the reader and a transponder size of 45 x 76 mm² with parallel orientation of the tag, read ranges of 30 – 40cm are possible.

Operation with other 13.56 MHz readers with an impedance of 50 Ohm is possible, too.

The maximum read range will be realized in the middle of the antenna. The optimum orientation of the tag is parallel to the antenna.



Side view of ID ISC.ANTH200/200-A

ORDER DESCRIPTIONS

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|----------------------|------------------------------------------|
| ID ISC.ANTH200/200-A | HF Handheld Antenna with angled handle |
| ID ISC.ANTH200/200-B | HF Handheld Antenna with straight handle |

TECHNICAL DATA

Dimensions (W x H x D)	460 mm x 200 mm x 160 mm
Weight	350 g
Housing	Plastic ABS
Protection class	IP 20
Temperature range	
- Operation	0 °C up to 55 °C
- Storage	-25 °C up to 85 °C
Relative air humidity	5...95 % (not condensing)
Operating frequency	13.56 MHz
Maximum transmitting power	2 W
Antenna connection	RG58 coax cable with SMA plug (50 Ω); approx. 360 cm

STANDARD CONFORMITY

EMC	EN 301 489
Safety	
Electric safety	EN 60950
Human Exposure	EN 50364

FEIG ELECTRONIC reserves the right to change specification without notice at any time.
State of information: September 2011.