

ID ANT.U82/82

UHF NEAR FIELD ANTENNA

- Very small form factor and high performance
- Defined near-field reading area
- Ideal for enclosed spaces
- Worldwide usable due to wide frequency range (864–928 MHz)



Small and very focused

The UHF near-field antenna ID ANT.U82/82 is a high performance antenna with very compact dimensions: measuring just 82 x 82 x 9.5 mm, it can be installed and used almost anywhere.

The maximum reading range of 10 cm ensures that there are almost no wrong readings or reflections.

Thanks to its wide frequency range of 864–928 MHz, the antenna can be used worldwide.

Versatile antenna

Due to its small size, the near-field antenna can be installed almost anywhere and allows a wide range of possible uses thanks to its defined reading range.

This includes

- › Workplace applications in industry, production and retail
- › Personalization stations and backoffice applications
- › Personal and vehicle access control
- › Near field applications in logistics

UHF NEAR FIELD ANTENNA FOR VARIOUS POSSIBLE USES

Cost-effective UHF antenna with a very compact design and a clearly defined reading field.

Technical data

Dimensions [w x h x d]	82 mm x 82 mm x 9.5 mm
Weight	approx. 50 g
Housing	ABS
Color	anthracite
Max. input power	1 W
Antenna connector	SMA (female), max. tightening torque: 0,6 Nm
Anti-static Protection/	
Antenna Detection	60 Ohm DC Resistance (typical)
Operating frequencies	864 MHz up to 928 MHz
Temperature range	
Operation	0 °C up to +50 °C
Storage	-30 °C up to +60 °C



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Suitable to be used with the following FEIG UHF readers

ID LRU500i	UHF Long Range Reader (needs cable type B)
ID MAX.U500i	
ID LRU1002	UHF Long Range Reader (needs cable type A)
ID LRU3000/ID LRU3500	
ID MAX.U1002	
ID MRU102	UHF Mid Range Reader (needs cable type A)
ID MRMU102	UHF Mid Range Reader Module (needs cable type A)

Accessories

ID ANT.C2-A	UHF antenna cable SMA / SMA 2 m
ID ANT.C2-B	UHF antenna cable SMA / TNC 2 m
ID ANT.C6-A	UHF antenna cable SMA / SMA 6 m
ID ANT.C6-B	UHF antenna cable SMA / TNC 6 m

