FEIG

ID ANT.U150/150

UHF MID RANGE ANTENNA

- Circular polarization for the best possible performance
- Compact, flat and robust design
- IP68 for outdoor applications
- Reliable read ranges up to 4 m
- VESA connection



Robust and aesthetic at the same time

The UHF mid-range antenna ID ANT.U150/150 is a very robust antenna with a compact design.

Due to its high protection class IP68, the antenna can be used outdoors permanently and also in harsh industrial environments. With reliable reading ranges of up to 4 m, it is therefore ideal for use in logistics, in industry, in railway applications or in waste management.

Thanks to its small dimensions and aesthetic design, it also cuts a fine figure in retail for applications such as permanent inventory or asset tracking.

The circular polarization of the antenna enables the transponders to be detected in different orientations.

Easy installation

Four mounting holes according to the VESA100 standard allow for easy mounting of the antenna. Either directly onto the appropriate surface or using a standard VESA mount (100 x 100 mm).

The antenna has an SMA socket and can be operated with any stationary UHF reader from the FEIG reader range.

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UHF MID RANGE ANTENNA FOR A VARIETY OF USES

The robust and compact antenna cuts a fine figure in any environmental condition.

Technical data

Dimensions (w x h x d)	151 mm x 150 mm x 14.5 mm
Weight	230 g
Housing	ABS, UV resistant and fire-retardant
Color	black
Protection class	IP68
Gain	approx. 5 dBic
3 dB beam width	105° x 105°
Polarization	circular (RHCP)
Antenna connector	SMA (female)
Operating frequencies	
Variant EU	865 MHz up to 868 MHz
Variant FCC	902 MHz up to 928 MHz
Temperature range	
Operation / Storage	–30 °C up to +65 °C



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Suitable to be used with the following FEIG UHF readers

ID LRU500i ID MAX.U500i	UHF Long Range Reader (needs cable type B)
ID LRU1002 ID LRU3000/ID LRU3500 ID MAX.U1002	UHF Long Range Reader (needs cable type A)
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
ID MS.VESA100-A	Mast and wall mounting kit VESA100

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Information updated: April 2023. The information in this document is subject to change without prior notice and is not to be considered as a warranted characteristic.
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