ID ANT.U290/290 / ID ANT.U580/290

ROBUST UHF RFID ANTENNAS

- Circular polarization for optimized reading performance
- IP67 for outdoor applications
- Robust and high-quality design
- TNC connectors
- VESA connection
- Secondary safety (optional)
- ID ANT.U580/290: 30° beam width, particularly suitable for vehicle identification and Free Flow Tolling systems



Circular polarized allrounder

The UHF antennas from FEIG ELECTRONIC are characterized by their high performance and precise tuning for the various UHF operating frequencies. Separate versions are available for the European frequency band in the range from 865 MHz to 868 MHz as well as for the FCC band from 902 MHz to 928 MHz.

The circular polarization of the antennas allows an identification of transponders in different orientations. Thus, for example, a 3-dimensional identification of transponders can be realized in a gate application by intelligent alignment of the antennas.

Modern and robust

With the combination of elegant design and high protection class IP67 the antennas can be used for both, indoor applications and outdoor applications.

Each antenna convinces by individual properties, so for each kind of application a suitable antenna is available.

The development of customized antennas is possible on demand.

UHF LONG RANGE ANTENNAS FOR VARIOUS APPLICATIONS

UHF RAIN antennas from FEIG ELECTRONIC offer greatest possible variability with elegant design and robust appearance.

Technical data	ID ANT.U290/290	ID ANT.U580/290
Dimensions (w x h x d)	288 mm x 288 mm x 65 mm*	576 mm x 288 mm x 80 mm*
Housing	PC / Aluminium	
Color	anthracite, translucent	
Weight	1,550 g	3,850 g
Protection class	IP67	
Gain	approx. 9 dBic	approx. 11 dBic
3 dB beam width	65° x 65°	30° x 65°
Polarization	circular	
Antenna connection	TNC socket (50 Ω)	
Temperature range		
Operation	–25 °C up to +55 °C	
Storage	–25 °C up to +80 °C	

* Tolerances ±0.5 mm



ID ANT.U290/290



ID ANT.U580/290

Suitable to be used with the following FEIG UHF Readers

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

Accessories

ID ANT.C2-B	UHF Antenna cable SMA / TNC 2 m
ID ANT.C2-C	UHF Antenna cable R-TNC / TNC 2 m
ID ANT.C6-B	UHF Antenna cable SMA / TNC 6 m
ID ANT.C6-C	UHF Antenna cable R-TNC / TNC 6 m
ID MS.VESA100-A	Mounting bracket VESA100

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